<400> 8288

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<210> 8289

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8289

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<210> 8290

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ttcctatcat aactgaagtg tgaatcagcc tatgttccct gcactcagac cctattttcc 360
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<210> 8292

⟨211⟩ 554

<212> DNA

<213> Homo sapiens

<400> 8292

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<210> 8293

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8293

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agatataac <u>t</u>	tcaacaaagt	aaaacaacga	acacataatt	atcccacaaa	ataagaattt	420
aaataaagaa	ttatcaaacc	tggaattcta	ctcctgtcaa	ttattgnttc	tggcatatgg	480
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<210> 8294

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8294

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ccccttggtc	atcactgtca	tcgtcatcat	catcgtcata	atcactgtct	cctcccttcc	360
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<210> 8295

<211> 551 <212> DNA <213> Homo sapiens

<400> 8295

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<210> 8296

⟨211⟩ 554

<212> DNA

<213> Homo sapiens

<400> 8296

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caggccccag	caggccccac	agagggagcg	tggcttccct	gagcaagcac	cgtggcatga	480
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<210> 8297

<211> 553

<212> DNA

<213> Homo sapiens

<400> 8297

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g	caaccagga	cgcggggcag	gcaagtgaga	ggacctggga	gaggtagctg	ctgtacacag	180
g	ccccactcc	ctccagctcc	attcccaagc	acaaaattca	acagacccag	atcctaagtc	240
а	accaagtga	ctgctatgac	aaaggcttgg	gttattgaca	tttacttaca	tacgtgtaca	300
а	gacctagag	tttgaactcg	ttttctgggc	ctcatctttc	ccttccctat	ctggttgatg	360
а	cttcggtgg	agggaaggga	cgtgactcca	cccaacagtg	ataaacgctg	cagaaagtca	420
t	ctcgtgctc	accactgccc	aagaattaac	gaatgtatgt	accccaggaa	aagggtttac	480
а	gttatctag	tggagaaggg	aanaaactga	tttggaggaa	aagaagggag	agaaaggacc	540
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<210> 8298

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8298

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ttctgccaag	tggctccctg	caggacggtg	ctgttgccgg	gcaggaatgg	ccctccatgg	420
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<210> 8299

<211> 548

<212> DNA

<213≯ Homo sapiens

<400> 8299

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ctttttctt	tttttgagac	agagttttgc	tcttgttgcc	caggctgaag	tgcaatggcg	180
caacataggc	tcaccacaac	ctccacctcc	tgggtttatg	tgattctcct	gcctcagcct	240
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gttctttcat	tttttgagtt	tctgtttctg	atctaaagtt	taccactggt	ttccaatttg	480
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<210> 8300

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8300 °

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ccttgcaggt	acttcttaaa	gctatggggt	tttcccagag	cttggtagca	tgtgtgttca	180
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gcttcatgga	tggtgtccat	ttgataaggc	tttcagggta	ggcagaaatt	cttttgtcac	480
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<210> 8301

<211> 499

<212> DNA

<213≻ Homo sapiens

<400> 8301

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cctgagca	ıgc	tgggattaca	ggcatgtgcc	accacacccg	gctaatttta	tatttgtagt	180
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acaccttt	tc	ttgcctntgt	cccttctct	ccctgtatct	ctcactcccc	tccaacctgn	420
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ccanaago	an	gagaaggng					499

8302	
560	
DNA	
Homo	sapiens
	8302 560 DNA Homo

<400> 8302

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<210> 8303

<211> 553

<212> DNA

<213> Homo sapiens

<400> 8303

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tgtaggccca gcttcaggtg ttagaaccat gctcatttgg taaangaagt ctcaaagagc 480
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<210> 8304

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8304

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⟨210⟩ 8305

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8305

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aaaaaaagaa	aaaaagaaaa	gaaagaaaaa	gaaagaaaag	ataaaaagac	caactgtccc	180
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<210> 8306

<211> 563

<212> DNA

<213> Homo sapiens

<400> 8306

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<210> 8307

<211> 570
<212> DNA
<213> Homo sapiens

<400> 8307

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<210> 8308

⟨211⟩ 556

<212> DNA

<213> Homo sapiens

<400> 8308

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	•					
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•						
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<211> 540					· .	
<212> DNA			•	•		
<213> Homo	sapiens					
	,					

<400> 8310

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<210> 8311

⟨211⟩ 536

<212> DNA

<213> Homo sapiens

<400> 8311

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<210> 8312

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8312

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atgttgccca	tgtcggtctc	aaactcctgg	gctcaagcga	tactcccacc	ttggcttccc	240
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ataaaaagaa	acaccagtgc	tctgcagaag	aatcaagttt	ttaatttttt	taaatgnatc	480
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<210> 8313

<211> 462

<212> DNA

<213> Homo sapiens

<400> 8313

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caagcaattc	tcctgcctca	gcctcccatg	tagctgggat	acaaggtgtg	tgccaccatg	420
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<210> 8314

<211> 491

<212> DNA

<213> Homo sapiens

<400> 8314

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ttttctgaa	c aaaacaatta	catgtcaaga	atccatgaag	cctggaagat	acgctcacgt	180
ttttgaggt	t tgtattaatg	ccagttttta	ttgtattaga	caaatgctct	ctgagaatcg	240
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ctgcaggct	g caggtccctt	ccagtcctgt	ccctgctgcc	ctttggggac	cattttggtt	420
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<210> 8315

<211> 555

<212> DNA

<213≯ Homo sapiens

<400> 8315

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	taggaactgg	ggcctcgggg	atgaggccga	gttccatcct	gccttcttcc	acgaccatcc	180
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:	aaaaccactg	cctggattcc	cacgcctctt	ctttaactca	tttgcaggtg	agggcaggga	300
;	aggaaaatcc	tagggtcagc	attggggagg	gggggactct	cctaaattta	ttgggcaaca	360
į	ggctgcaggt	ganggggctg	acaggaagaa	gggtccgggg	tgtnaataac	cttaaaaaacc	420
į	gtaggtgaca	acnggaagtt	ctttaagaan	accnttgccn	aagggaaagg	ttttgggggg	480
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<211> 467				,		
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<213> Homo	sapiens					
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<212> DNA						
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,				•		
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actcacactg	gtgatggggc	gaacgttcaa	gacgaagcca	gcagtccttt	ccaagactct	180
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ccaagtcatc ccagtgttaa acctggtgct tccgttttct gcctcaatcc gagcgctaac 360

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tcccaagaac	atggtctact	taatttgctt	tggaaaattn	aaacttnggg	nccctntttn	480
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⟨210⟩ 8318

<211> 518

<212> DNA

<213> Homo sapiens

<400> 8318

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<210> 8319

<211> 513

<212> DNA

<213> Homo sapiens

<400> 8319

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gatttacage titetecaag gecagagee aattgtgace acaagtetig titetigtee 240 accagaceea ateetetge acettgtace eccegiteet cageaatatg eteggeetag 300 giteeagag cagetggaag gaageageta tgggeteati eagitetgit tgeecaaate 360 cagaageeet aggaaagtee egitegagie tigaeteetg gaeeeticaa tggettgaag 420 teeggtaett gggeacaace ecaatiteae eggggtggg aangetitga aattggaaae 480 enennatane eetggagee tiggnaaaaa nit 513

<210> 8320

⟨211⟩ 508

<212> DNA

<213> Homo sapiens

<400> 8320

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<210> 8321

<211> 490

<212> DNA

<213> Homo sapiens

<400> 8321

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ctggaactag	aaaccacgcc	ctggcttcta	ggcagcaagc	aataagtttt	tgctaaattt	420
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<210> 8322

<211> 399 ·

<212> DNA

<213> Homo sapiens

<400> 8322

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tcagggtcac	cagtgtgtga	aanatcgggg	catgccggcc	acagggggaa	gcagggttca	180
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accetnacag	nggcctgggc	aggggctggg	gtgcaaagcc	tacccttccc	ctgtgagcca	360
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<210> 8323

<211> 530

<212> DNA

<213≻ Homo sapiens

<400> 8323

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<210> 8324

⟨211⟩ 555

<212> DNA

<213> Homo sapiens

<400> 8324

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<210> 8325

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8325

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<210> 8326

<211> 567

<212> DNA

<213> Homo sapiens

<400> 8326

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tctttccaca	aaatngcata	aaactgttga	atgatgaaag	ggtttgggaa	agcttttcca	480
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<210> 8327

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8327

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<210> 8328

<211> 530

<212> DNA

<213> Homo sapiens

<400> 8328

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<210> 8329

<211> 545

<212> DNA

<213> Homo sapiens

<400> 8329

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aagatcccct	acttgtaata	acaaaacaat	gttggaactg	tcattaaatc	aggatagtgg	480
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<210> 8330

<211> 542

<212> DNA

<213> Homo sapiens

<400> 8330

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<210> 8331

<211> 532

<212> DNA

<213> Homo sapiens

<400> 8331

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<212> DNA

<213> Homo sapiens

<400> 8333

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<210> 8334 <211> 550 <212> DNA <213> Homo sapiens

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<210> 8335

<211> 549

<212> DNA

<213> Homo sapiens

<400> 8335

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gcatttttg						549
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tgaaaaaaaag	ttttcaagta	agagcaatag	taaacatact	gaagttcaca	tttgctcaga	480
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<210> 8336

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8336

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<210> 8337

<211> 540

<212> DNA

<213> Homo sapiens

<400> 8337

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<210> 8338

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

<400> 8338

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<210> 8339

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8339

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<210> 8340

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8340

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<210> 8343

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8343

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1	tcttggctgg	gatgactgga	ctctgcttca	tgtatttctc	acatcttttc	agtacattat	180
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1	tgtatgtgtc	aaatctgcta	aaacaacatt	ggggagagca	agtattatgg	ctgaattcag	300
3	atcaagaga	tggagacagg	aacttgccta	gtagtgaggg	agacccaaag	tcatgtggca	360
8	agaatatga	cacaaggtgg	gatgaaagat	tcattaatgg	nctcagtgca	tctactagag	420
(caggcaaggg	tgtctaaccn	gaatttagta	gaatggcttt	tggtggattt	tttaaacttt	480
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<211> 496

<212> DNA

<213> Homo sapiens

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gctacaaggt	ttgggtcacc	aaggaaagct	gtcaaataat	gaagtgggta	agcagattcc	420
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<210> 8345

<211> 555

<212> DNA

<213≻ Homo sapiens

<400> 8345

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<211> 525

<212> DNA

<213> Homo sapiens

<400> 8346

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<210> 8347

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8347

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<211> 541

<212> DNA

<213> Homo sapiens

<400> 8350

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<210> 8351

<211> 564

<212> DNA

<213> Homo sapiens

<400> 8351

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<210> 8352

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8352

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<400> 8353

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<211> 552

<212> DNA

<213> Homo sapiens

<400> 8354

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gtgtattcct	tgcaaaagaa	caagcctgct	aacttgggag	gaagggaagg	tcaggaccca	420
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ttgtacagta	tttttcagta	aaagnggatt	tggatttaac	aatgggtcac	taattgaaaa	180
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cntaatatat aacattaact taaactttga aagcattatg ttctagttaa taatgttatg 360

tagataaatg aggcagtaac acactagtag ttaaaccagt atttccgnga cgtgcacctg 420 catggtcagt gggaaatgga atgcacgctg gtagacccca gtgaaatttg gtggcatggt 480 gatgggtant ccgntccaaa accggcctna ttttancttt ctatnaatcn cggna 535

<210> 8357

<211> 563

<212> DNA

<213> Homo sapiens

<400> 8357

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<210> 8358

⟨211⟩ 558

<212> DNA

<213> Homo sapiens

<400> 8358

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<210> 8359

<211> 558

<212> DNA

<213≯ Homo sapiens

<400> 8359

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tataagaaaa	tactatttgn	taaattttag	tcataatttc	attggttctc	atcatagact	480
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<210> 8360

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8360

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cctcctgctt	tgaaagggca	actgtcatga	gggatatctt	aacagaatgt	gccaattaat	240
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⟨210⟩ 8361

⟨211⟩ 556

<212> DNA

<213> Homo sapiens

<400> 8361

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ccgctgtcta	aacagagcag	ctacagggac	gggacatgga	ggatggccac	acatagcaca	180
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gaacaggctg	ttttgggaaa	attccagcac	tttgacttcg	ggccatgcgt	cttntnctgg	480
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tacagtgttc	catttttgca	acattaacca	gaaacattgt	ttatcagttt	gtactgatat	180
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aatgtataga	gaccaaacgt	taagaaatgc	agcacatctc	tgctcaagat	ggaacaaagg	300
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<210> 8364

<211> 558

<212> DNA

<213> Homo sapiens

<400> 8364

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<210> 8365

<211> 564

<212> DNA

<213> Homo sapiens

<400> 8365

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<210> 8366

⟨211⟩ 568

<212> DNA

<213> Homo sapiens

<400> 8366

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<210> 8367

<211> 566

<212> DNA

<213> Homo sapiens

<400> 8367

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<210> 8368 →

<211> 581

<212> DNA

<213> Homo sapiens

<400> 8368

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ccncaatggn	gaaaaagaaa	ctggaccccc	ttaccttacc	aaatccattc	cagaatctgg	540
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⟨211⟩ 568		•				
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7 5 4 7

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<210> 8371

<211> 450

<212> DNA

<213> Homo sapiens

<400> 8371

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tatgtttaca	gtcataaaaa	aagaaacagc	ctggagagaa	gtgggggctt	tgaggatgga	180
gagaagacng	gggcagacac	agactccaca	tctggccctg	tgggatttgg	ggttcccata	240
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<210> 8372

<211> 531

<212> DNA

<213> Homo sapiens

<400> 8372

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<210> 8373

<211> 525

<212> DNA

<213> Homo sapiens

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<210> 8374

<211> 521

<212> DNA

<213> Homo sapiens

<400> 8374

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<210> 8375

⟨211⟩ 527

<212> DNA

<213> Homo sapiens

<400> 8375

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(413)	TOMO	sapiens
/919 \	Uomo	coniono
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<400> 8376

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<210> 8377

<211> 526

<212> DNA

<213> Homo sapiens

<400> 8377

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ctctaagtca	tttgatctac	ccatttccta	aatacagcga	tcaacttcta	tttaacaaag	480
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<210> 8380

<211> 493

<212> DNA

<213> Homo sapiens

<400> 8380

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ggacttaatt	gncttcagta	cgtgaaataa	ttttaaggng	atctagtact	ttgaaaattt	420
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<210> 8381

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8381

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tcagacaaaa	tttttaagaa	aacaaaattt	tttccagaat	attacattac	aaaaatcaat	360
gaataaatga	actacactgn	aactttaata	cttattccat	atgaaaaacc	aaactggttc	420
tggcaatttg	attgatctct	tgagaagttg	cagtgcattc	attccatggg	tnaaacccgg	480
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<210> 8382

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8382

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ctc	atgcaac	acgacgctca	ccgcggctcg	ggccgtgggg	ccgtcagaga	aacctttta	180
aaa	aatggag	atgaatgtta	cagaattgga	caacccgaac	tgcttttcaa	aaccagagga	240
agg	aggttct	tagccgttac	tcagatacca	atgctgggga	gggaggcctg	acttcagcaa	300
cag	ctgtggg	tgggctggag	gccggcgcag	cttggggccc	cccacgccag	cttgtctnaa	360
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ttc	angcccc	gagagacaag	gcttacgtac	tttacttgca	gcccaggtcc	aagcccntgg	480
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aag	gaangct						550

<210> 8383

<211> 544

<212> DNA

<213> Homo sapiens

<400> 8383

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<210> 8384

<211> 534

<212> DNA

<213> Homo sapiens

<400> 8384

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<210>	8385	
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<213>	Homo	sapiens

<400> 8385

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<210> 8386

<211> 537

<212> DNA

<213> Homo sapiens

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<210> 8387

⟨211⟩ 501

<212> DNA

<213> Homo sapiens

<400> 8387

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<210> 8388

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

<400> 8388

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gcccaggagg ctgataagtc tgggaaaact tctggggccc ggctnttttt aagattncat 480
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<210> 8389

<211> 467

<212> DNA

<213> Homo sapiens

<400> 8389

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<210> 8390

<211> 540

<212> DNA

<213> Homo sapiens

<400> 8390

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<210> 8391

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8391

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<210> 8392

⟨211⟩ 556

<212> DNA

<213> Homo sapiens

<400> 8392

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<210> 8393

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8393

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541 g <210> 8394 ⟨211⟩ 548 <212> DNA <213> Homo sapiens <400> 8394 gtcataaaaa tgtgaaaaca ttttattcta tgtacaataa tgtacacaaa tttaaacagg 60 tcaccaaaga gaccagaagt aattaaagag gtatatttac agtagcacat cacagtaaac 120 ggaaaaccat tcacagattc aacattgata ctgtttttgt gcttggttac acactgaagg 180 tgaaggatat tactccattt tggatgaact gaattttaaa caaatacctc aatcattaat 240 300 aaatgctatt ttcatcagtc agtatcatca ttaaattctt cagctgctgc gcctgtgtgc tgaatcactc catttctttc tctttgaaca tcatcatcac aatctgtact gtcatcttcg 360 420 ttcaattccc tgtcagattc agcagcagct tctcttacag cttcctctgg agtttcattg ggtggaataa atccattggt ggtagatcat ttgaattatc cctggatatc atcttcgatg 480 natactttct gatggcccat gggcaagtat ctttgaatgg tcaggcnttt tcgaaggcaa 540 548 gtgcnttg <210> 8395 <211> 535 <212> DNA <213> Homo sapiens **<400> 8395** gacaggagga aaaaaaattt aataatatat gtttgcacag gagttccacg aaatatgaga 60 ctccaagaag ggtcagatga ttgacactca tacaccatcg tgagctatcg aaaagaacgg 120 cagtttggga gttctgcagg gagttgacca cagaagtggg agagtgaagg gaagaagtgt 180

240

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<210> 8396

<211> 544

<212> DNA

<213> Homo sapiens

<400> 8396

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<210> 8397

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8397

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<210> 8398

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8398

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<210> 8399

⟨211⟩ 541

<212> DNA

<213> Homo sapiens

<400> 8399

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<210> 8400

⟨211⟩ 532

<212> DNA

<213> Homo sapiens

<400> 8400

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<211> 525

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

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<213> Homo sapiens

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<210> 8406

⟨211⟩ 541

<212> DNA

<213> Homo sapiens

<400> 8406

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⟨211⟩ 531

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<210> 8409

⟨211⟩ 543

<212> DNA

<213> Homo sapiens

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<210> 8411

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<212>. DNA

<213> Homo sapiens

<400> 8411

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<210> 8412

<211> 550

<212> DNA

<213> Homo sapiens

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<211> 545

<212> DNA

<213> Homo sapiens

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<210> 8414

<211> 516

<212> DNA

<213> Homo sapiens

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⟨211⟩ 548

<212> DNA

<213> Homo sapiens

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<210> 8418

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8418

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<210> 8419

<211> 549

<212> DNA

<213> Homo sapiens

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<210> 8420

<211> 524 <212> DNA <213> Homo sapiens

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<210> 8421

<211> 549

<212> DNA

<213> Homo sapiens

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<210> 8424

<211> 515

<212> DNA

<213> Homo sapiens

<400> 8424

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atggtagtgg t	tcaaagcccc	gactttcctg	tctgaggtac	tgggtttgct	ctaaggtaga	360
ccttggcaag g	gcccctaatg	ggtcccgtcc	agcaaaagtg	atgctcgtgt	ccctcggctg	420
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<210> 8425

<211> 474

<212> DNA

<213> Homo sapiens

<400> 8425

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<210> 8426

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8426

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<210> 8427

<211> 547

<212> DNA

<213> Homo sapiens

<400> 8427

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					547
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<210> 8428

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8428

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ttaagtctaa	gttctctgat	ttggncttct	ttcaccttca	tgntccatcg	ggagcttttt	540
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<211> 485

<212> DNA

<213> Homo sapiens

<400> 8431

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cggaaacaag	ataaaaggct	acacctcgtc	aggcatccta	caaaaatgtc	tcaagtttta	180
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ccttatccaa	tacagatcaa	catatcatcc	agcacagcca	agcacccnct	gangccaanc	420
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<211> 505

<212> DNA

<213> Homo sapiens

<400> 8432

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agaaatacat	tcatttcagg	gagacctcgg	aagagtgacc	atccttttgc	tctaccccaa	240
ccaggtgggg	gaggggaagc	cccagagggc	ccaaggggtc	ccctccagtt	gagccaggta	300
gccactcaca	tcctgccact	gaaggaggtg	gctaatgcac	aatttacaaa	tgaaactgca	360
cgtccattaa	attaaaccca	atggaaaaca	cacgtgtgac	ctgtcctgtc	attcacagnc	420
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<210> 8433

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8433

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<210> 8434

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8434

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<210> 8435

<211> 179

<212> DNA

<213> Homo sapiens

<400> 8435 ·

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<210> 8436

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8436

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gctcacccat	ttgttgaaaa	aggagacaaa	gccatatccc	ttagactttc	ctgttgccat	180
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<210> 8437

<211> 523

<212> DNA

<213≯ Homo sapiens

<400> 8437

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cacatgggag	gctacaggcc	cggggctggc	ttggctcccg	tgaaaacact	gcagcgggca	360
gccagtccgg	aaggcagcat	ctggcagggc	cttcaggcct	tctgagtaag	gaagacccca	420
gctttgcaaa	agacatagag	gcagcactgt	gactggactg	aatagcncac	ctntntaacc	480
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<210> 8438

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8438

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<210> 8439

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8439

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<210> 8442

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8442

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<210> 8443

<211> 560

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

<400> 8444

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180

240

300

ccttgattcc aagtatccca cttactttcc acaaccaaaa gttttgttcc agttttcata

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<210> 8447

⟨211⟩ 553

<212> DNA

<213> Homo sapiens

<400> 8447

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<210> 8448

⟨211⟩ 550

<212> DNA

<213> Homo sapiens

<400> 8448

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naaattacaa	gttacattgg	gaccaaaaac	acatggngac	taatgnactt	tgcttctagg	480
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<210> 8449

<211> 566

<212> DNA

<213≻ Homo sapiens

<400> 8449

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gcacggcgtg	tcacggcacc	tggcaccacc	agacccagaa	tggcctgtgc	gagaggcgca	300
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cttgaagttg	cccaagggac	cgnacaagan	gcaactgaag	gccaaggtga	aaacccttag	480
cncatgtngg	cacccaactt	ncttgcttca	cangatgtta	ggaagcccaa	actttcttgg	540
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<210> 8450

<211> 483

<212> DNA

<213> Homo sapiens

<400> 8450

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tgcatgcctc	atcantttnt	attttattgg	ttatggctat	agttgacatn	tttccatata	180
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aattagcttn	ccaagaaaca	naaatgatac	ccaatttctt	tgcttttcta	gaagtaactt	360
tccatttgnt	catgtatttt	gatatggtna	taticcccac	ccganttaaa	ccctttggtt	420
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<210> 8451

<211> 497

<212> DNA

<213> Homo sapiens

<400> 8451

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cttcaacatt	ttgctgtcaa	caaatcttta	cagtcctgta	caaatttgaa	taacttgaaa	180
ccattttcaa	caaaattagt	tactgtaagc	acacactaca	agactgaaaa	tgcttttctt	240
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cagaactaca	attaaaacag	taaaacagtc	tgtcaataaa	gtctggggat	taacagggcc	420
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<212>	DNA	
<213>	Homo	sapiens

<400> 8452

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<210> 8453
<211> 557
<212> DNA
<213> Homo sapiens

<400> 8453

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	•					
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<210> 8456

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8456

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<210> 8457

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8457

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<210> 8458

<211> 511

<212> DNA

<213> Homo sapiens

<400> 8458

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<210> 8459

<211> 548 <212> DNA <213> Homo sapiens

<400> 8459

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<210> 8460

⟨211⟩ 551

<212> DNA

<213> Homo sapiens

<400> 8460

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ggtacagete taaaaaatgt tggcacegaa tgeacttaag aaaagtgtta aggettaata 180
caaatacaga gacgagteat tteteaatge agettagag gtgagaacag gatgetaggt 240
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tgtaaacgae ageeacacag cagggettge atgegeagga actettette teecagtgag 360
cagactaage actettgaat ceeaceecae tggetegeag agggaaagaa ggeaggacag 420

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catattttcc	tcattcccat	ctctgggttc	tnccataacc	canaagtccc	tgncaggggc	540
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		•	•			

<210> 8461

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8461

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⟨210⟩ 8462

<211> 547

<212> DNA

<213> Homo sapiens

<400> 8462

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caatctccca ccagcctcag gcccctccac ttctcagatc aggtcccaga cctgcccatg 180 aaaatgggga gcaggctgta acagatttgt ccacatgttc ctaccacctg tcccaaccca 240 300 gggtacccac ccagagacat ctggtatcat ttaacaaaca cattgaagga caactggtct tcagagctga agagagctcc tagggggaga agctgggaca acagtgaaat aagtagcagc 360 agcaacgaca gaagtgaatg gtgacaaaga ctgctgtgat gagcaggtag cctatcaggg 420 tgagcttcac aagccgagcg agtntcagga tctgagaacc aaggttgggt aatgnccatg 480 540 agatgtcaca cccagccgga agccagnact tgcacacccn gcttcagcaa tagtanatgc cccggca 547

<210> 8463

<211> 533

<212> DNA

<213> Homo sapiens

<400> 8463

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<210> 8464

<211> 396

<212> DNA

<213> Homo sapiens

<400> 8464

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<210> 8465

⟨211⟩ 548

<212> DNA

<213> Homo sapiens

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<210> 8466

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8466

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<210> 8467

<211> 531

<212> DNA

<213> Homo sapiens

<400> 8467

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<210> 8470

<211> 517

<212> DNA

<213> Homo sapiens

<400> 8470

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g	tagaactag	tatttacagt	tttctttctt	gaaattggcc	cgggacatct	ccaacagtct	240
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a	aacactggc	ttgtagagct	atncaaagat	ttaaatgaaa	ataaaaaatg	tcaacagnct	480
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<210> 8471

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8471

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<210> 8472

<211> 513

<212> DNA

<213> Homo sapiens

<400> 8472

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<210> 8473

<211> 538

<212> DNA

<213≻ Homo sapiens

<400> 8473

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<210> 8474

<211> 530

<212> DNA

<213> Homo sapiens

<400> 8474

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<210> 8475

⟨211⟩ 537

<212> DNA

<213> Homo sapiens

<400> 8475

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<210> 8476

<211> 538

<212> DNA

<213> Homo sapiens

<400> 8476

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<210> 8479

<211> 534

<212> DNA

<213> Homo sapiens

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<210> 8480

⟨211⟩ 487 -

<212> DNA

<213> Homo sapiens

<400> 8480

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<211> 530

<212> DNA

<213> Homo sapiens

<400> 8481

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<211> 497

<212> DNA

<213> Homo sapiens

<400> 8482

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<210> 8483

⟨211⟩ 526

<212> DNA

<213> Homo sapiens

<400> 8483

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<211> 493
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<400> 8484

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<210> 8485

<211> 551

<212> DNA

<213> Homo sapiens

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<210> 8488

<211> 540

<212> DNA

<213> Homo sapiens €

<400> 8488

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<210> 8489

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8489

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⟨211⟩ 534

<212> DNA

<213≻ Homo sapiens

<400> 8490

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420	agaagggtaa	gaggaacctg	ccctgcact	ccctgatgca	attattgagg	gtatacccct
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<210> 8491

<211> 530

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<211> 454

<212> DNA

<213> Homo sapiens

<400> 8492

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<210> 8493 <211> 542 <212> DNA <213> Homo sapiens

<400> 8493

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<210> 8494

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8494

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<210> 8495

⟨211⟩ 535

<212> DNA

<213> Homo sapiens

<400> 8495

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<211> 543

<212> DNA

<213> Homo sapiens

<400> 8496

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<211> 522

<212> DNA

<213> Homo sapiens

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aacancctat	caggtncatt	caaccaaatg	gcncaggaga	tgcatttagt	actnaaccca	480
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<210> 8498

<211> 533

<212> DNA

<213> Homo sapiens

<400> 8498

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<210> 8499

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

<400> 8499

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<210> 8500

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8500

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<211> 543

<212> DNA

<213> Homo sapiens

<400> 8501

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<211> 542

<212> DNA

<213> Homo sapiens

<400> 8504

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<211> 571

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gntcacgtcc	ccagatgccc	tggaaanggg	cccttggccc	nagcancgac	ccgaaccggg	540
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		·				
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<211> 562

<212> DNA

<213> Homo sapiens

<400> 8515

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<210> 8516

<211> 580

<212> DNA

<213> Homo sapiens

<400> 8516

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<210> 8517

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8517

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<400> 8518

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<210> 8519

<211> 579

<212> DNA

<213> Homo sapiens

<400> 8519

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<210> 8520

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8520

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<210> 8521

<211> 549

<212> DNA

<213> Homo sapiens

<400> 8521

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ggtagtctcc	taacaatcat	atgaagacta	tcctaaaatg	tcctttagta	actgtcatgg	180
actgaaaagt	atcccacgaa	gagacaatgt	ctactcagat	catgtgaata	caaacttact	240
tggaacatgg	gtctttgtaa	acataattaa	gggtctccag	acacaatcac	cctagatcag	300
ggtgggccct	acattcaaag	acactgtcct	taaaaggtaa	tgaagagaag	acagagggaa	360
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agatttgtcc	agaagccaaa	gaactccagg	aattgcccac	ggccccagat	tttnggaacc	480
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<211> 414

<212> DNA

<213> Homo sapiens

<400> 8522

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180	cactgactga	catgcagaaa	gttgttattc	ttttttaatg	acccagtgct	aaagggcaga
240	agtttaggac	ttttcttctc	acaggaatgc	cggtgatcaa	gtaactaagg	tccagaactg
300	gccagcatgt	cctcacggcg	tggagtaaaa	gcgggaacgc	catgacaatg	gaagacccgc
360	cctccagtca	cgcggagagg	caagtaccca	gccccacccc	cagatttgtg	agtttttcgc
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<210> 8523

<211> 572

<212> DNA

<213> Homo sapiens

<400> 8523

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⟨211⟩ 572

<212> DNA

<213> Homo sapiens

<400> 8524

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<212> DNA

<213> Homo sapiens

<400> 8526

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<210> 8527

⟨211⟩ 571

<212> DNA

<213> Homo sapiens

<400> 8527

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⟨210⟩ 8528

<211> 508

<212> DNA

<213> Homo sapiens

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<211> 565

<212> DNA

<213> Homo sapiens

<400> 8529

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<210> 8530

<211> 564

<212> DNA

<213> Homo sapiens

<400> 8530

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gaacatatga	gtatattctt	gtttcagaga	agaaaattgc	cttaaggaag	ctgggttata	180
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<210> 8531

<211> 538

<212> DNA

<213≻ Homo sapiens

<400> 8531

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gaactggagc	caatcttntt	ntttaaacnc	tgatggattg	catacatgta	tgtcttccat	180
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<210> 8534

<211> 575

<212> DNA

<213> Homo sapiens

<400> 8534

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ctccaaagtg	ctgggaatac	naggtgttaa	acaccggacc	cagnctcctt	tggcatntct	540
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<211> 580

<212> DNA

<213> Homo sapiens

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<210> 8536

⟨211⟩ 590

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<213> Homo sapiens

<400> 8536

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<210> 8537
<211> 571
<212> DNA
<213> Homo sapiens

<400> 8537

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<210> 8538

<211> 596

<212> DNA

<213> Homo sapiens

<400> 8538

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<210> 8539

⟨211⟩ 543

<212> DNA

<213> Homo sapiens

<400> 8539

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<210> 8540

<211> 593

<212> DNA

<213> Homo sapiens

<400> 8540

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<210> 8541

⟨211⟩ 583

<212> DNA

<213> Homo sapiens

<400> 8541

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<210> 8542

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8542

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<210> 8543

(211) 539

<212> DNA

<213> Homo sapiens

<400> 8543

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<210>	8544	
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<212>	DNA	
<213>	Homo	sapiens

<400> 8544

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<210> 8545

<211> 568

<212> DNA

<213> Homo sapiens

<400> 8545

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cacctgaggt	cangagtttg	agaccagcct	ggccaacatg	gtgaaacttc	atcctactaa	480
aaatacctaa	cttaactggg	tatggtggca	agtgcctgna	anctcagttc	tcggaggcta	540
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<210> 8546

<211> 558

<212> DNA

<213≯ Homo sapiens

<400> 8546

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attaggtagt	attacttgga	tttcatggat	gaagaaaacc	aagatacaaa	aagttcacac	180
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<210> 8547

<211> 552

<212> DNA

<213≻ Homo sapiens

<400> 8547

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<210> 8548

⟨211⟩ 571

<212> DNA

<213> Homo sapiens

<400> 8548

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<210> 8549

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8549

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<210> 8550

<211> 570

<212> DNA

<213> Homo sapiens

<400> 8550

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<210> 8553

⟨211⟩ 537

<212> DNA

<213> Homo sapiens

<400> 8553

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<210> 8554

<211> 583

<212> DNA

<213> Homo sapiens

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<212> DNA

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<210> 8557

<211> 534

<212> DNA

<213> Homo sapiens

<400> 8557

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cccagtactg	tatgcccatt	tcccagtact	gngctcccat	ttctcagtag	tgtactccca	420
tttntcagac	tgggctccca	cttttnagta	ctgggctcca	cttccaagac	tgggctccat	480
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<211> 419

<212> DNA

<213> Homo sapiens

<400> 8560

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<210> 8561

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8561 ·

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gggtgagtgg	gagaaagaag	tggagaaaac	tgatgctgga	ccacaagtta	tcaccctgta	420
ccttggcttt	gaagtggccc	ctgctggtac	aggaacaggg	tgagagtnaa	agttaattaa	480
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<210> 8562

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8562

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<210> 8563

⟨211⟩ 557

<212> DNA

<213> Homo sapiens

<400> 8563

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<210> 8564

⟨211⟩ 526

<212> DNA

<213> Homo sapiens

<400> 8564

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<210> 8565

<211> 544

<212> DNA

<213> Homo sapiens

<400> 8565

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<210> 8566

<211> 553

<212> DNA

<213> Homo sapiens

<400> 8566

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tactggcatc	ttaaatgcaa	accaaatcaa	tccgcatcag	aatttttacc	ttttaaaatg	540
gaaactaatg	gcn				•	553

<210> 8567

<211> 551

<212> DNA

<213> Homo sapiens

<400> 8567

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ggcctggagt	atttgcatgc	atttgcatag	acggcaacac	aggtccagct	aaggcctttt	420
tctacataaa	gtgacatcag	tgcanggctg	gggaatttgc	tctactgggt	gaaagatatc	480
tgagggcccc	caaccagncn	ggccgagncc	ccttcaggna	gttantaccc	ttggaacttg	540
ggctggccag	c .					551

<210> 8568

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8568

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cccaaggatt	tcaggaaaca	cagnggggca	cctgatctag	cacacattca	gagggtaggg	180
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ggaaaggaga	gaggaaggac	agaggaagag	tggtccccca	tctcatctcg	acaatntcac	300
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cccnggtttg	gggttcctgc	cccttcccca	aaatgnggga	aatgaaaaag	tttggccatg	540
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<210> 8569

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8569

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ctttgtttta	gttagttacc	ctgtttgcat	atagtgcaga	aaaaggtctt	catgttagca	180
ctatgtacat	taagaagaga	tccaaattac	aagagaggca	gataaaattt	gaattcttta	[°] 240
agcattcatt	aaacgaagtt	ttggagtaac	atccacgttt	atcttccttt	cactaatcac	300
gttccctgtt	aagcacatca	taacaacagc	acagtgaagt	gaatgatgaa	ataagagcat	360
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<210> 8570

<211> 261

<212> DNA

<213> Homo sapiens

<400> 8570

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<210> 8571

<211> 551

<212> DNA

<213> Homo sapiens

<400> 8571

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<210> 8572

<211> 559

<212> DNA

<213> Homo sapiens

<400> 8572

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⟨210⟩ 8573

<211> 557

<212> DNA

<213> Homo sapiens

<400> 8573

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ggaaaatagg	gatnttc					557
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(ZIO) Homo	Sapiciis					
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aacctagcat agagtaaaaa actgaaacca agattcccaa cgtttttcat agcagccggg 240

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<210> 8576

<211> 559

<212> DNA

<213≻ Homo sapiens

<400> 8576

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<210> 8577

<211> 558

<212> DNA

<213> Homo sapiens

<400> 8577

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<210> 8578

<211> 522

<212> DNA

<213> Homo sapiens

<400> 8578

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<210> 8579

⟨211⟩ 551

<212> DNA

<213> Homo sapiens

<400> 8579

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<210> 8580

⟨211⟩ 544

<212> DNA

<213> Homo sapiens

<400> 8580

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пааа						544

<210> 8581

<211> 572

<212> DNA

<213> Homo sapiens

<400> 8581

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tggccaaagg	gcgtacaatg	cactttggtt	ttttgttgaa	aaaaaaaaat	catggcaaca	180
gaaaagtgat	atggtttttc	aacaagtaac	agctcacaat	tcagtaggaa	gctagaagga	240
aatgttacat	tacgagttca	ttatataata	tctggaaaat	tgtgacagta	atgggcagta	300
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accagatcta	aatttgatgţ	ctagtattta	tttttcttta	aattatctct	tatttaaaga	420
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tnaaaggttc	tctgacatnc	cttatgataa	aacctcttaa	cccttaccaa	ttttggggtt	540
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<210> 8582

<211> 493

<212> DNA

<213> Homo sapiens

<400> 8582

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gccgctccag	gtggatgttt	ggtgacctga	agggcccttt	ccagtccaag	ttggctttgc	420
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<210> 8583

<211> 429

<212> DNA

<213> Homo sapiens

<400> 8583

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aataataagg	aatggatttt	atctatattg	acagttcttt	naaccttaag	agtgaactgc	360
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<210> 8584

<211> 549

<212> DNA

<213> Homo sapiens

<400> 8584

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<210> 8585

<211> 509

<212> DNA

<213≻ Homo sapiens

<400> 8585

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<210> 8586

<211> 542

<212> DNA

<213> Homo sapiens

<400> 8586

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<210> 8587

<211> 556

<212> DNA

<213> Homo sapiens

<400> 8587

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<210> 8590

<211> 536

<212> DNA

<213> Homo sapiens

<400> 8590

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<210> 8591

<211> 538

<212> DNA

<213> Homo sapiens

<400> 8591

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<210> 8592

<211> 549

<212> DNA

<213> Homo sapiens

<400> 8592

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<210> 8593

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8593

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<210> 8594

<211> 553

<212> DNA

<213> Homo sapiens

<400> 8594

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<211> 450

<212> DNA

<213> Homo sapiens

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aaattgatta	acttttctgg	atggcantct	accaatgcag	atcaaacatt	ttaaaantcc	420
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<211> 558

<212> DNA

<213> Homo sapiens

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aagcatattt	cccagngact	tgggtnttgc	tatgcaacct	ctggaccaaa	aactgggaaa	540
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<210> 8599

<211> 558

<212> DNA

<213> Homo sapiens

<400> 8599

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<210> 8600

<211> 425

<212> DNA

<213> Homo sapiens

<400> 8600

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<210> 8601

<211> 458

<212> DNA

<213> Homo sapiens ■

<400> 8601

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<210> 8602

<211> 544
<212> DNA
<213> Homo sapiens

<400> 8602

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<210> 8603

⟨211⟩ 564

<212> DNA

<213> Homo sapiens

<400> 8603

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<210> 8604

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8604

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<210> 8605

<211> 560

<212> DNA

<213> Homo sapiens

<400> 8605

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gngaccacca	agagttttaa	tttagttgta	ccaaaggcaa	aacattntac	ttaaaattaa	360
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ctcaatgtca	gtattttggg	gcaattttta	aaggttttcc	caaaaaatgg	nctggatagg	480
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<210> 8606

<211> 447

<212> DNA

<213≻ Homo sapiens

<400> 8606

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catttctatg	ctaccatctc	agcatctgtg	gtgaggggag	gggtgccact	tcctctttgc	180
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cactgtccac	tggggagctg	cagagettaa	cagctggctg	ggtctgccct	cgggggaagg	360
gaagagtttg	cnaaaaaagg	aggccctaag	gtgagggaan	tttggggccc	accnnccagg	420
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<210> 8607

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8607

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<210> 8608

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8608

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<210> 8609

<211> 426

<212> DNA

<213> Homo sapiens

<400> 8609

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gagattacat	tactttgagt	gtttaattcc	actatgacag	gaagtagcct	aatacatact	180
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actgttttca	gtttgctatt	tttaatggnc	catgcttatt	tatatagaca	tagcataaca	360
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<210> 8610

<211> 550

<212> DNA

<213≻ Homo sapiens

<400> 8610

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tggaggcctg	ggaggagaaa	ggccaaaggc	tttgatgctt	gggaccgatg	cccggccact	180
cagctccaga	caccagggat	ctggcaaggg	ggtggggcaa	gggccagaca	gaccaacagc	240
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ccttgggctt	gactgnaact	gccgtcccaa	cggtgggtan	ccactggnct	caagtcaaag	480
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ttgtgcaggt	catcagcgaa	cattctactt	ccaaccattt	tcctctttcg	gatacaacgt	240
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<212> DNA						
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cgtggaccgg	tccacacgct	ncaggaaaaag	agaggagtgt	ccgccctatt	cactctaagg	300
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<210> 8613

<211> 550

<212> DNA

<213> Homo sapiens

<400> 8613

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<210> 8614

<211> 251

<212> DNA

<213> Homo sapiens

<400> 8614

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gcaggaggaa	gaggagagaa	ctggcaagag	aacaaaataa	ggagacanaa	caggintacg	180
acaaaaacat	ttnngctacn.	atagacaatt	tganaaaacg	ctctaccaca	tgtagtactg	240
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<210> 8615

<211> 560

<212> DNA

<213> Homo sapiens

<400> 8615

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tattacaatt	atgattcgta	gactttcact	caattacata	aattcactct	cggttgagga	180
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cctgaactcc	ccctaaataa	atcaaactct	ttgggccata	aactgnaana	aaaaagttta	480
atcttcacag	gacattctaa	tggggcagcc	cnagaggnga	tccctggtc	tanggttttc	540
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<210> 8616

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8616

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<210> 8617

⟨211⟩ 562

<212> DNA

<213> Homo sapiens

<400> 8617

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<210> 8618

<211> 550
<212> DNA
<213> Homo sapiens

<400> 8618

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<210> 8619

<211> 560

<212> DNA

<213> Homo sapiens

<400> 8619

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<210> 8620

<211> 528

<212> DNA

<213> Homo sapiens

<400> 8620

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<210> 8621

<211> 534

<212> DNA

<213> Homo sapiens

<400> 8621

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<210> 8622

<211> 520

<212> DNA

<213> Homo sapiens

<400> 8622

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<210> 8623

<211> 541

<212> DNA

<213> Homo sapiens

<400> 8623

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tgaaatcata	atcatcagaa	ttgtctgtaa	actactatta	gctaaattat	aaccttgcat	180
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<210> 8624

<211> 526

<212> DNA

<213≻ Homo sapiens

<400> 8624

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caccttttag	ccttaatcct	naggcccatt	tcctggcctt	caccettgga	acacttctgg	480
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<210> 8625

<211> 511

<212> DNA

<213> Homo sapiens

<400> 8625

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<210> 8626

<211> 530

<212> DNA

<213> Homo sapiens

<400> 8626

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<210>	8627	
<211>	515	
<212>	DNA.	
<213>	Homo	sapiens

<400> 8627

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<210> 8628

<211> 470

<212> DNA

<213> Homo sapiens

<400> 8628

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tgetagattt ggeecatagt eeaacegtae tttetgtgat gatggaaatg tteaatattt 120
ceteaattgt etaatatggt aaceaetage eacatgtgge taetgateat ttgaaaggtg 180
gttacatgga etgagaaact gtttttttt tttttttgag atggagtete getetgtene 240
ceeagetgga gtgeagngge neeatetegg eteaetgeaa geteegeete eeggtteae 300
geegttetee tgeeteagee teeeaagtag etgggaetae aggegeetgg etaattttt 360

ctatttttag	tggagacggg	gcctcaccgt	attanccagg	atggctngat	ctccttgacc	420
ttcgngatct	gcccncttgg	ccttccaaag	ngctgggant	cccggggnta		470

<210> 8629

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8629

accagaacat cacataagtt tatttcagat gtaacagcaa tgttaaaatt gacaagttta 60 attettaact geaceaagta aacttageea titaagtatt titttaagti atteeeteea 120 aaaaactgag ggagcttttc ttttccacca ccacaccatg gtttcccaat agttctcttt 180 ttggaggact tttcaattga tgagtaaact gctttagata tttcagaact tcattcccca 240 aatgaaaget aatetggaca aactatatat tgcatagatt tetetacaga ttetttgett 300 taaaacctaa atgcaactaa catagtgtaa ttttaaccta tttgccccac agtaaaaact 360 atctgtcctg aaaaatatga tggatatatc ctgngatttt ccagttaaca gaattggtct 420 acttcaaaga taattattat catatatcaa aataccagct taacatangg acattcttca 480 gtcnttactg actcataggc atatgaacct tggngcccag ctttttaacc tnttccacaa 540 554 tcttcctcct cctc

<210> 8630

<211> 547

<212> DNA

<213> Homo sapiens

<400> 8630

gaaagtaaaa tttcagttag tttatttagt ccttacactt aaaaactgaa gctacagaca 60 cacacataca cgcacacata cacatataca tatacgatac acacaaacaa aatagagcag 120 ttccatgaaa tcagacatat acgggaatgt cttgattacc caacaaatcc tctcccttc 180

cttccctcat	caaattgcta	tgattgaagg	cccaggaagc	taccaactac	ttagggcttt	240
tagagtcata	cacatgttgc	atcctgttaa	cttggtgttg	gtgctgttgc	tcacagtaag	300
aaaaatggca	atatccccag	agacagcaaa	gtattttgca	tgtttatgtc	tgtgagttaa	360
ctgtcaccac	atattgcctg	ctgtcttcat	caatgcagct	catagtaccc	aaaaatgtga	420
aaaaatccta	tccaaaacag	atgngncttt	ttacatacaa	attgggtaga	acgcanagcc	480
tgatgatgaa	agggtcattt	tttactggna	ggnttaaaaa	atttaaattt	tgaaaatcag	540
gttnggn		•				547

<210> 8631

<211> 415

<212> DNA

<213> Homo sapiens

<400> 8631

ca	agttgctc	acattttagt	tggaaagtca	gatcatgcca	aagaattctc	taaaacattt	60
gt	aagtttag	agcaagctac	caatgggaga	aaggctcagt	gaagtctact	ttttattatg	120
tt	ttccttat	atggtgtcag	ctaataagta	tttggggaat	aaatgtgtag	atagtggtct	180
gt	ttaaaaga	agttacatta	tttggcattt	attacatttt	atttttctta	attgattaat	240
tg	cagttaaa	ttaccttagc	atgcaagagc	agattttaca	gattttgacg	tatgattaag	300
ca	igca taaag _,	cataactaat	gnggttttag	tggcatgcta	tgtattaagg	cntgaaattt	360
aa	atccccc	ttcatcaaga	ttttttgcag	ttccggggaa	ttnnaangat	cnnat	415

<210> 8632

<211> 514

<212> DNA

<213≻ Homo sapiens

<400> 8632

ccagttctga caccttttta atagaaatca ctgtttttag gaaacaaata gcacttttgt 60

aattttttt	tacaatgttt	cttaccttga	tcttaattta	agtaacncta	ggaagacctc	120
aatatcttt	attttccttt	ttaatttaaa	aaaaagtttt	ttttccccag	atncaaagat	180
ttttgccctt	gcataaaaaa	acagtgcccg	aacgatgacn	caaggactca	caaagactca	240
cgggacctca	ctgacnctat	gattcctact	ctaccatgca	aggtcttggc	tacccttaat	300
tggactgtca	gcctgaaaaa	cagcttttct	attccttatt	ttagtttttg	ttaccaagaa	360
agtaaaatga	acagtaaaat	aaaactttcc	ttaaagaaaa	aangaacaaa	nccnaaaatt	420
aangaaagag	aaaagaaacg	tctncattca	attcacacac	cctngggccc	ggtgctggtt	480
tactcaaaaa	cttcccttct	tataaattna	gaaa			514

<210> 8633

<211> 527

<212> DNA

<213≯ Homo sapiens

<400> 8633

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catgttctct	gcacctccaa	attttcttgg	ctattaccag	tagttcctta	tacgcaaaca	.120
tatgagaaat	ctctgaagag	caaattcagt	ttcgaaaaaac	agctaatgat	atcgaagaaa	. 180
agtaggcact	ggtggatact	ttctagaaga	cagtattaat	acagcaatac	tttaggaata	240
atgatgaatc	tgtttaaagg	caaaacatca	ctaacctaat	cagatcactt	agagaaataa	300
gtgattttct	ctgtcttatc	ctgagatcat	atagccattt	aacctatctt	caaacagaca	360
naaatttta	aacactttct	atcctttaag	aaaatcttct	ttgcttggct	aaatgacaat	420
gttcangaaa	tgcctgccac	agaagcntan	aaaatccttg	gcaaccattt	cagaagaaan	480
ttacccctgc	ataaatgggt	ttccagcaac	cgcttcaata	agctttt	•	527

<210> 8634

<211> 519

<212> DNA

<213> Homo sapiens

<400> 8634

atcaaacaca	aatttatatc	aagattaact	ttttcaacca	gcttacaagc	agacttttcc	60
ctttctttgt	taaaaaatga	atggtatgaa	actatatgtt	aaagatgttt	ctataatacc	120
ttacatttac	atagcgcttt	acaattttca	aagtgctttc	acatgccatc	tcatttaatc	180
ctcacaacag	ccctgtgagg	taggtacagc	aggtattatt	atcctcattt	caagatgagg	240
aaattgaggc	aaagagaggt	taagtgactt	gcccaagatc	acacagctgt	aagtgctaga	300
gctaggacct	gaaatcaagt	tttttgactc	cttgtccagt	actcattcca	ctgtaattac	360
tgcctcaagt	tatgaataat	gaactgtgta	tcaaaattga	aagcttactg	aagttcattt	420
cagtgatgtc	ttaacagtaa	agttaaatga	gaaatncaga	acagtaggct	gatggtttac	480
ttgacataaa	atggtgcaaa	ncactttggc	taatacttg	•		519

<210> 8635

<211> 510

<212> DNA

<213> Homo sapiens

<400> 8635

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atttgggggc	atctgtggct	gcccacactt	tccaagacag	acaagggcaa	actctccaag	120
cagaggagaa	aacaacttcc	agaagctgcc	ccttcaaagg	cctgaggtga	ggacctgggg	180
cagcaggcag	cttggcatgc	aggggttaac	cagaaaggcc	gggtctggag	ggctgggcac	240
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gactctggaa	caatctaaca	ggccaagtgt	ctcccagggt	gggttaggga	ggaggctnaa	360
cacaggetca	gatccctgga	agtggcaggg	agagaactga	gagaaacttc	accetetget	420
cggaggacat	tcccaagcct	aggtccttgc	ttcttaaact	ctaaagtgct	tataggaatc	480
aacttggggg	tctttgctaa	aatgcagggt				510

<210> 8636

<211> 424

<212> DNA

<213> Homo sapiens

<400> 8636

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<210> 8637

⟨211⟩ 518

<212> DNA

<213> Homo sapiens

<400> 8637

ccaaatgggc atttattatt tgcacagatn cataaaaatg attcccattt taaaaaccat 60 aataaaaata tacattaacc acagaagtac ttactctaac tggaaagaaa atgaacatgg 120 ctattttcaa aacagtaata aacacaaaag gtcaacatac ataaatcatg acaagtgtac 180 240 atctcatttt tgacaaaaat aagttccatt tttacattaa tgcttcatca tcaggctcca tattacatcc tctgacctta tttacattta ctatcaaatt tctattagca tgtgtcactc 300 360 aaaggcactc aattcagagg gtaaaaagtc ctgagcttaa gtaggaaaca aagttcccaa 420 ctaaaatttg aacataaata attctaaaga tcagagaata ttaaaaatgtt taaaactata atatetggte cataaataat teaaaaceta ataataaagg tgteangaet ggteaaagaa 480 518 aagancetgt taggeagaaa aatteetngg aatnaace

<210> 8638						
<211> 524						-
<212> DNA						-
<213> Homo	sapiens			. •		
	*					
<400> 8638						
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tattatccct	cagacagtac	aagacttgtc	agtagactgt	ggggaagttg	atgagttgac	120
accagggcta	gtggcatttg	ttttggggaa	gacagtgggc	ttgggccgtg	tggctggtgg	180
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<212> DNA						
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		,			•	
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tgggtaaaac	acatcacagg	taagaaatgg	gaaacctacc	tcagcatttc	tgaaaggcac	180
aatctatgga	agggaaacct	agcgtaataa	aaccctcact	ggatgtacat	ggaaaggagt	240
atggtgagct	atttcctttt	taaaggatga	gaccttcata	aattggcccc	teggattetg	300

gtgattcccg ccgcaagcgc aaatgctcca gtgtgttatg aaaatggttt ggtaatctgc 360

tctggttctt	cactgggatt	caaagattcn	ggaggtcttc	tcgaatcttt	tggataagct	420
ggtttaaaaa	cctgaattgg	tacccgcatc	attttccttt	cataaaaata	gatatatctg	480
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<210> 8640

⟨211⟩ 525

<212> DNA

<213> Homo sapiens

<400> 8640

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<210> 8641

<211> 524

<212> DNA

<213> Homo sapiens

<400> 8641

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taacagatgg	atattttaat	atttaggcag	atggtaaact	ttcctatagg	tcttgtgaga	240
cttcgtctta	taggctgaac	accattcaca	aaatgtaata	atgcttcatt	ccttcaggtt	300
gaggtaaaga	acttgagcaa	ctggattagc	aaagctgcaa	agaatgaaat	gtggcctaag	360
atgtaattat	gttctctgcc	cttcctttgg	gccagggtag	ttttgcactt	gacacaatgg	420
aaaataggcc	attaagcctg	gaaattaaat	ggtcttaacc	ccaatcttac	aggacnttaa	480
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<210> 8642

⟨211⟩ 478

<212> DNA

<213> Homo sapiens

<400> 8642

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ggggtagatt	tgatgaggaa	cagaattgtc	aacaaggtct	caaagtttct	cctcacaaat	120
tacccactaa	ttgcaaaagg	aaaaacaata	acgatacact	ggagaaactg	gacatcttac	. 180
ccaagtgatc	aaaattagca	tcaccaataa	gggacaaatg	gacattctgt	gcatctggat	240
gtatacctgc	aatacatatc	acttacagca	tttcaaccct	cactgcacta	ccccaatcta	300
accatgagga	aacatcagaa	aaacccaaat	agaaggatac	tctatccttt	agctgncctg.	360
natttttcaa	atatattact	attataaaaa	acnaagaaaa	gctgaggaac	tgnttcagaa	420
tanaagggta	ttgncattcc	acntttggac	cctagnttgg	accgnggact	tgaaaaaa	478

<210> 8643

<211> 459

<212> DNA

<213> Homo sapiens

<400> 8643

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tcaatgngca	ttaattagng	canaaacaaa	gacagattca	gcaagngcaa	aggngactac	180
aattttccct	tgtccttggg	aagccagctc	cctggtcgcc	agtggcaggg	tggtgcaggc	240
tgcttgcctg	acctgccagn	tttgggcgcc	acaggccact	gggcaaggcc	agntcctnta	300
gctggaatct	cggttcttct	ggttccgcat	cagggggctg	tggtggcgca	ggccctccat	360
gctgtgccgc	cagtgccagc	agcttcggca	aaaagtnttt	gaaagcaaac	ctgatctnga	420
cagaanaaag	gccnggcttg	anaactggnn	atttgaccc			459

<210> 8644

<211> 534

<212> DNA

<213≻ Homo sapiens

<400> 8644

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ttccctccac	cgacaaatat	tttgctaaat	taaaaggatc	actggaagta	ttatgacccc	120
cctcgtcaca	ggtggtcaga	accaccacag	ttttgtgaat	gaatcagaga	aggcaacatt	180
tcatcaacga	aaactcattt	aggtttcaaa	aggcaggatg	tagtacagaa	tgcattattc	240
tgactgtctt	ctggaataga	aaaattggaa	aggatgaaag	aaggaagtta	gctccagctc	300
cactgttacc	ttggcaaccg	tggcccaatc	acaggggcag	aaattaattt	tgtgcccgta	360
acataacgtg	gcagaggagt	ggggagccgt	ggagtgggga	gagaatgacg	gctgggttta	420
aatgctcaga	angctagtgg	ggaagggtcc	aggtcaaccc	gctgggtggt	naatctaccg	480
tnccaattan	ccactgggcc	tttttcactg	gaaggtnnga	ttatggagag	acnn	534

<210> 8645

<211> 531

<212> DNA

<213> Homo sapiens

<400> 8645

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<210> 8646

<211> 524

<212> DNA

<213> Homo sapiens

<400> 8646

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<210> 8647

<211> 532

<212> DNA

<213> Homo sapiens

<400> 8647

gccaatataa gaatettatt tactgettta gtcaagaagg agatgttatt teaettgtga 60 120 cttcctccca agtgaatgag tatacaattt aacaaactaa cacagttcag tttattaagt tacaatctgt aaccacctaa tgtagctcag tgtatggtgg atactagata taaacaagag 180 tagggaagtc tttggcacct gcatgatgcg tgccggcttt taaattcaga aagatgagaa 240 gctacaatgc aactttttt ttaatctaca gataccgcca aaagaagaaa tgtttatcag 300 attttgaatg catactggaa agttggccgg tggcagcttt tcacattaaa tttcatcaca 360 420 agtgaaactt gattacagcc caaactagac aaggcaattc aagtgcccng accctgaagt ncacgtgaga ctacaggaga acctgcatta tggtgcttgg ccagccagtc tctttgaggn 480 532 actgcctgta acagtcaccg gttgtngggg agaaacaact tccnttttt tn

⟨210⟩ 8648

<211> 547

<212> DNA

<213> Homo sapiens

<400> 8648

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<210> 8651

<211> 492

<212> DNA

<213> Homo sapiens

<400> 8651

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tctggtcaga	ttctccatgc	taggctacag	gaaagaaggc	tgaagaagca	aatttacaaa	420
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₹210> 8652

<211> 533

<212> DNA

<213> Homo sapiens

<400> 8652

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tcattcaatt	ctcataacaa	cctataaagt	aggtactatc	attatatcca	ttttacagat	240
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aactttaatc	ccnccngata	gggatattct	tgggtcattt	atggctnaaa	ttttnaaaaa	480
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<210> 8653

<211> 557

<212> DNA

<213≻ Homo sapiens

<400> 8653

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<210> 8654

<211> 558

<212> DNA

<213> Homo sapiens

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<210> 8655

<211> 289

<212> DNA

<213> Homo sapiens

<400> 8655

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tcccctttct	ccacccccac	cccacatcc	aaattactct	taacatgttc	acagatacca	180
cgaatatttt	gtaaacanga	tttgggttac	tggaacttga	tttcattaac	atcccacttc	240
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<210> 8656

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8656

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<210> 8657

⟨211⟩ 534

<212> DNA

<213> Homo sapiens

<400> 8657

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<213> Homo	sapiens					
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<210> 8660

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8660

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<210> 8661

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8661

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<210> 8662

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8662

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<210> 8663

⟨211⟩ 537

<212> DNA

<213> Homo sapiens

<400> 8663

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<210> 8664

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8664

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<210> 8667

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8667

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<210> 8668

<211> 566

<212> DNA

<213≻ Homo sapiens

<400> 8668

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<210> 8669

⟨211⟩ 553

<212> DNA

<213> Homo sapiens

<400> 8669

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<211> 527

<212> DNA

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<210> 8674

<211> 522

<212> DNA

<213> Homo sapiens

<400> 8674

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<210> 8675

<211> 351

<212> DNA

<213> Homo sapiens

<400> 8675

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<210> 8676

<211> 526

<212> DNA

<213> Homo sapiens

<400> 8676

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<210> 8677

⟨211⟩ 528

<212> DNA

<213> Homo sapiens

<400> 8677

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⟨211⟩ 522

<212> DNA

<213> Homo sapiens

<400> 8678

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<210> 8679

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<213> Homo sapiens

<400> 8679

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<210> 8680

<211> 537

<212> DNA

<213≻ Homo sapiens

<400> 8680

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480	acaagtggac	acagtaaggc	gacacaggat	gattggacat	gtttacaact	agatgccatt
537	aaatatg	ncaaatncta	ggttttctgc	tttaggactt	aaacaaatac	ggtcaaataa

8681	
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DNA	
Homo	sapiens
	8681 530 DNA Homo

<400> 8681

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⟨210⟩ 8682

<211> 534

<212> DNA

<213> Homo sapiens

<400> 8682

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<211> 526

<212> DNA

<213> Homo sapiens

<400> 8685

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<210> 8686

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8686

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<211> 512 ·

<212> DNA

<213> Homo sapiens

<400> 8687

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ca	aaacagaat	agttcagggc	caatgtagcc	agagcaatgn	gaatgntctt	attgctccct	480
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<210> 8688

<211> 480

<212> DNA

<213≯ Homo sapiens

<400> 8688

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<210> 8689

<211> 502

<212> DNA

<213> Homo sapiens

<400> 8689

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<211> 468

<212> DNA

<213≻ Homo sapiens

<400> 8690

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<211> 523

<212> DNA

<213> Homo sapiens

<400> 8691

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ata	tatactt	aaggataaaa	ttttcagata	tttatccaaa	cacacattta	cccattaaat	420
tag	aacacca	actgcttaat	atgtaaaact	agtttgaaat	catgactctt	gattaaatac	480
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<210> 8693

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8693

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<210> 8696

⟨211⟩ 536

<212> DNA

<213> Homo sapiens

<400> 8696

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<210> 8697

<211> 507

<212> DNA

<213> Homo sapiens

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tgctttttct ttaggaaagn gctcacactt tcagctgcgt tttctacagc tcctaacttg 120 aataaaaaaa atagngcagg taacttctcc attttcctta gtttttcaac tanaagngga 180 aacatggnga tcatgttttc tggactcaaa tctgcttcag gactaanatt ctgaagtncc 240 attetggeet getetaegtt gecattttta atceaactng ttaattetge etttanaete 300 tcttcatatt tcctagcatc catcttttta atgactaatt tatngttaaa atgaatgaag 360 ttttctgggc ncagttcctg ggcccgaggc caacttttcc aaatttgaaa catggcatca 420 tacagctgga tgctttctcg aggtgaaagg gtaagatcag gaggggaatc catacctttc 480 aatatgatcc gttggtagtg cagcnca 507

<210> 8698

<211> 513

<212> DNA

<213> Homo sapiens

<400> 8698

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<210> 8699

<211> 434

<212> DNA

<213> Homo sapiens

<400> 8699

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<210> 8700

<211> 584

<212> DNA

<213> Homo sapiens

<400> 8700

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<210> 8701

<211> 588

<212> DNA

<213> Homo sapiens

<400> 8701

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<210> 8702

<211> 587

<212> DNA

<213> Homo sapiens

<400> 8702

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<210> 8703

<211> 578

<212> DNA

<213≻ Homo sapiens

<400> 8703

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, 1	tccagtgtgc	caggaacatg	gtaagtgccc	acattgcggg	ggagggaaca	attcagagac	300
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8	aacnnatgt	ttgaaatggc	tttattcctc	ctagtggcta	atgctggtct	tgggtttatt	540
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<211> 505

<212> DNA

<213> Homo sapiens

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<210> 8705

⟨211⟩ 584

<212> DNA

<213> Homo sapiens

<400> 8705

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<210> 8706

<211> 529

<212> DNA

<213> Homo sapiens

<400> 8706

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<210> 8707

⟨211⟩ 582

<212> DNA

<213> Homo sapiens

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<210> 8708 <211> 584 <212> DNA <213> Homo sapiens

<400> 8708

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<210> 8709

<211> 569

<212> DNA

<213> Homo sapiens

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<210> 8710

<211> 557

<212> DNA

<213> Homo sapiens

<400> 8710

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⟨210⟩ 8711

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8711

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<210> 8712

<211> 581

<212> DNA

<213> Homo sapiens

⟨400⟩ 8712

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<210> 8713

<211> 440

<212> DNA

<213> Homo sapiens

<400> 8713

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<211> 554

<212> DNA

<213> Homo sapiens

<400> 8715

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⟨210⟩ 8716

<211> 582

<212> DNA

<213≻ Homo sapiens

<400> 8716

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⟨210⟩ 8719

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8719

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<210> 8720

<211> 575

<212> DNA

<213> Homo sapiens

<400> 8720

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<210> 8721

<211> 475

<212> DNA

<213> Homo sapiens

<400> 8721

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<210> 8722

<211> 532

<212> DNA

<213> Homo sapiens

<400> 8722

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<210> 8723

<211> 569

<212> DNA

<213> Homo sapiens

<400> 8723

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<210> 8726

<211> 563

<212> DNA

<213> Homo sapiens

<400> 8726

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<211> 568

<212> DNA

<213> Homo sapiens

<400> 8727

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<210> 8728

⟨211⟩ 563

<212> DNA

<213> Homo sapiens

<400> 8728

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<210> 8729

<211> 575 <212> DNA <213> Homo sapiens

<400> 8729

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<210> 8730

<211> 579

<212> DNA

<213> Homo sapiens

<400> 8730

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<210> 8731

<211> 580

<212> DNA

<213> Homo sapiens

<400> 8731

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<210> 8732

<211> 575

<212> DNA

<213> Homo sapiens

<400> 8732

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<210> 8733

⟨211⟩ 537

<212> DNA

<213> Homo sapiens

<400> 8733

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<210> 8734

⟨211⟩ 572

<212> DNA

<213> Homo sapiens

⟨400⟩ 8734

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<210> 8735

⟨211⟩ 581

<212> DNA

<213> Homo sapiens

<400> 8735

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<210> 8738

<211> 571

<212> DNA

<213≯ Homo sapiens

<400> 8738

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tcttatcaca	tgtcatatct	cgaaaacatt	aaatagaaac	aaaagtctcc	atgcaatttt	180
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gtttgctaac	aactgtttcc	caatttaggc	tttctggcca	tgggagtgac	atgtcctgtg	300
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<210> 8739

<211> 576

<212> DNA

<213> Homo sapiens

<400> 8739

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ggcagatggt	aaactttcct	ataggtcttg	tgagacttcg	tcttataggc	tgaacaccat	240
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agtattttca	acaaaatact	aattaagcta	ccacttcaaa	agagcttcaa	ggaaaagctc	540
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<210> 8740

<211> 378

<212> DNA

<213> Homo sapiens

<400> 8740

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gcgcatacac	agnatanagc	atcccctcat	gtactgagct	ggcttcgggg	ctgacccctg	300
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<210> 8741

<211> 582

<212> DNA

<213> Homo sapiens

<400> 8741

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<210> 8742

⟨211⟩ 572

<212> DNA

<213> Homo sapiens

<400> 8742

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<210>	8743	
<211>	571	
<212>	DNA	
<213>	Homo	sapiens

<400> 8743

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aggtgtcata atccctattt	ccaacaggga	atacagaagc	aagggagttt	tcaacactgt	180
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<210> 8744 <211> 569

<212> DNA

<213> Homo sapiens

<400> 8744

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cagccagatc	cagggggtgc	ggtgtctggt	catgtccact	ccaagagcag	tagcaccatg	180
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<210> 8745

<211> 563

<212> DNA

<213≻ Homo sapiens

<400> 8745

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cgtctggtcc	catgaaacga	gcgcaatcct	ganacggggc	canggcccct	ggcaccacaa	540
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<210> 8746

<211> 575

<212> DNA

<213> Homo sapiens

<400> 8746

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aaaatgatag	cacatggtat	ctgagctgct	tacattacaa	gaaaaaggaa	atacagtagc	180
tgaaatatgg	cactcctggg	aatcaacttc	taaaccaaat	agaatgcctt	tgaaatgatt	240
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taaaaaaaaa	tacatctatc	taagatagat	agtgtatttg	tactgttaga	cttctttaag	360
tgcagaaggt	ggttcaggtt	ttgccttttt	aattaaataa	ctgaccatat	gctttataaa	420
gtttcactca	atcacaaaag	ccaatttaaa	tcaaggaata	tgatatcaaa	gttgcataat	480
ttcatttggg	actggcagca	ggttaaagtc	ttaagcttta	acattaatgg	tcattttagg	540
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<210> 8747

⟨211⟩ 567

<212> DNA

<213> Homo sapiens

<400> 8747

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ttaagcacat	aataaggcac	ataataagaa	attaagtaaa	tacacagtaa	ttctgagtaa	180
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atttttcttt	aaaattttcc	aagatcatat	tacttgacaa	ataagtgtca	ttttgaaatt	420
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<210> 8748

<211> 582 <212> DNA <213> Homo sapiens

<400> 8748

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<210> 8749

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8749

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<212> DNA						
<213> Homo	sapiens	,				
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agttgatgat	ngagacaaaa	ngtntggctg	ttgctagggg	aagggnaggt	ggggagttat	480
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<210> 8752

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8752

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<210> 8753

<211> 560

<212> DNA

<213≻ Homo sapiens

<400> 8753

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<210> 8754

⟨211⟩ 542

<212> DNA

<213> Homo sapiens

<400> 8754

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<210> 8755					•	
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<213> Homo	sapiens					
			٠.			
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tttcagggta	gctaaaagga	gtaacaataa	agctctacac	atataactaa	aatgttgcaa	480
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<210> 8757

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8757

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<210> 8758

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8758

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<210> 8759

<211> 636

<212> DNA

<213> Homo sapiens

<400> 8759

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<210> 8760

<211> 610

<212> DNA

<213> Homo sapiens

<400> 8760

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gaacttctct	cgaacttcga	aacacttcat	ttcctactaa	atcccaaacg	tgtaaacang	540
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<210> 8761

<211> 457

<212> DNA

<213> Homo sapiens

<400> 8761

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<213> Homo	sapiens	•				
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<210> 8764

⟨211⟩ 616

<212> DNA

<213> Homo sapiens

<400> 8764

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<210> 8765

<400> 8765

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<210> 8766

<211> 614

<212> DNA

<213> Homo sapiens

<400> 8766

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taatgcaaaa	catcatgttt	caacttcaac	ttaacatcat	aacatgtagt	tcttggtgag	480
tctagatgta	atggaatgaa	tatttaaata	gacttcaaag	atcctgtcag	gttttaattg	540
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<210> 8767

<211> 611

<212> DNA

<213> Homo sapiens

<400> 8767

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caaatggcgt	gattccagtt	gcaaatttgc	tcatgtcang	tatagggcta	tgaattttan	540
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<210> 8768

<211> 613

<212> DNA

<213> Homo sapiens

<400> 8768

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tcacatcccg	aaactgccca	gagttccacc	agcctgggta	tagtatttgt	tataatctag	420
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cttgaacagg	agtgaagact	ggcggctaaa	gcccttcacg	agaatgctca	ctgggccggn	540
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<210> 8769

<211> 618

<212> DNA

<213≻ Homo sapiens

<400> 8769

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tcactacaaa	aagaacccat	cactgatgta	agacctactc	atgatactga	agtagatttt	180
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<210> 8770
<211> 614
<212> DNA
<213> Homo sapiens

<400> 8770

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<210> 8771

<211> 584

<212> DNA

<213> Homo sapiens

<400> 8771

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⟨210⟩ 8772

⟨211⟩ 531

<212> DNA

<213> Homo sapiens

<400> 8772

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⟨210⟩ 8773

<211> 589

<212> DNA

<213> Homo sapiens

<400> 8773

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<211> 613

<212> DNA

<213> Homo sapiens

<400> 8774

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⟨213⟩	Homo	sapiens
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<210>	8775	

<400> 8775

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<212> DNA

<213> Homo sapiens

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totoatatta	attonatant	atachach	cagcagtata	taaatooota	nagnontaat	180

cctagccttt	ctttctccac	caggaccctg	acttatctgg	ctggcccagc	atggaggaga	240
aggaaagcgg	gccgtgctgc	cggggggatt	cctggatccc	tctgcatgct	gacagacagc	300
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tctgcagtac	cctgaggaag	gagagaggca	cccaaggcac	gaatgcagac	aacagangga	480
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<210> 8779

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8779

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gagtaattaa	gaccattcag	ccaagattta	catttgctgc	cacctttaat	agcactgatg	180
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ttaaaatatt	aagggttttt	aatgtttaaa	gaatgagaca	taaaaaagtt	gcagaaaata	300
aatgataaat	tcttatttat	tgaaagacat	tcagttgagg	aatagggata	taactgtttg	360
ttaggtaagc	ttatatggca	catgattaag	ttccactaat	tcgtatttct	gcattatgct	420
ttctgataat	tccggagcat	tatactcatg	cagcagtggt	aggaaagtac	tgatgttttt	480
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<210> 8780

<211> 531

<212> DNA

<213> Homo sapiens

<400> 8780

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<210> 8781

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

<400> 8781

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<210> 8782

<211> 532

<212> DNA

<213> Homo sapiens

<400> 8782

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<210> 8783

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8783

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catctagata totaaatato ttotatoato caatatotta aanocaattt ottaaattg 539

<210> 8784

<211> 479

<212> DNA

<213> Homo sapiens

<400> 8784

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<210> 8785

⟨211⟩ 555

<212> DNA

<213> Homo sapiens

<400> 8785

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tggccgtccc	ctgcagtggc	cagtgagttg	gcgatcagct	cagctgcctt	ggagtcaccc	420
tcagcagaga	tgatggccgc	cttttccacc	acaaatctgg	cgctctctgc	ttcctggggg.	480
gccacctgtc	tggtaactnc	tttcaagaan	gncanatgtg	tcaaaaacac	gttgtccana	540
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<210> 8786

⟨211⟩ 543

<212> DNA

<213> Homo sapiens

<400> 8786

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aacatgttct	tatatttaac	atgtttgata	ttttcttcta	gaatatcata	gcaaataaat	180
attcaacata	caccaaaagt	acttaaaaga	agctcctttc	ctttggacat	caacttttaa	240
aaacacgaac	aactttttga	aagacagaat	ttacaaatac	agaactgtac	tgacttaaat	300
ttggaattta	ctaattactg	gggatacttt	agtgagtctg	catatgtgta	ttattaatac	360
atgttaaacc	atactgcaga	taacaaaaaa	tatacttaca	tttctcttcc	agagagtaat	420
gactgtattc	aaagtctgag	ggaatgacaa	aacgggatgc	acatctaaca	ctgatcccng	480
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ttt						543

<210> 8787

<211> 532

<212> DNA

<213> Homo sapiens

<400> 8787 .

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aagtcgtcta tgtctcaggt actgcttttg acgctctttc ttatcttctt ctttatccac 1.20 gtcanactga aatgccagng gagcttggaa ttcagngctc aatcctgatt gatncctatc 180 ataagccaat ggcactccag gagtatttcc tcttgcaatc tcccatttct caaaagatga 240 gggtagtttg atatgcttgt tctgttctct aggggagtct tggtcctgga ttttaggtnc 300 aacatattga tgatagtcca naggcaattc ctctctcact ctttcttctc tcataaaaga 360 tgcaggttgc tgatttttga tgtcatcctg gtcctgggat ttgggaggca aacactgata 420 gtctgccaga gaaaagcttc tctccctttc tcatctgnca tatcagagta tggctcctta 480 aagngnactt tetganattt tggtagaaaa tettgggeet gacatttggg an 532

<210> 8788

⟨211⟩ 553

<212> DNA

<213> Homo sapiens

<400> 8788

ccaggagcag ttaggtacac acagtaaagt ttattttggt gcatggtata cttcactcca 60 ttaaaaataa attaatcagc aaattcctgc ctggctcagc tctggtttat gtaaatagtg 120 cccagctgta atgagttaca aggtgttatt atctcacaca cacacaggag gcttcactct 180 agageteege tegeaacaaa ageatettaa ataaactgag agaageggtt tgatttgtaa 240 tgttttcaca gaagtgggat atacctcacc catatagagt ttctttatat gactcatttt 300 atagcaagtt aaatgaagga agtttgatgg gggagggagg ggcaatatgg ttccccaccc 360 cctttcttca ctttaagaaa atcccccaag agatgacccg cactgaggga ggaggggctg 420 gtcctcangt gctcagacca aggtggctct gcagcaccgt gcttcagaag ttgggaangg 480 gggaccaaag cttgggcccc aggtcttggg ctggttacac taanccngga ngaatgttct 540 553 ttttntcccc ngn

<210> 8789

⟨211⟩ 536

<212> DNA

<213> Homo sapiens

<400> 8789

60 ctctgngatt tggttttcta ctttggtnca catganctgn ggctgcatct catacanaag ctgacacatn tcgcaggaat gccccataaa acagagcgca aacaaatcac ccagcaggtt 120 cgcttcacct ggctgttact gctgaactcc ctacttntaa nagcncagaa nanaacatcg 180 ctttgaatct acagataagc gagggtgggg cgagcagcag ccagggctgc cgggatggga 240 gcggccacag acacaggccc ccgggtgtct gtcttganat acaggtggan aagccgccca 300 agaaattcca gcaagatggg agcagctggg ggatgctcca gcacagtagc ctgcctacag 360 gactectetg geteceteag teetggtaga ttetggentg acaccaagge cagcagtget 420 ggctcttggc cctgtcactg ngnctggttt atcctggggc cccaaaagcc ccttttttgg 480 gcagganctt cgnccttccc ttttnataac ccccttggnc cccaanaaaa ccccag 536

<210> 8790

<211> 475

<212> DNA

<213> Homo sapiens

<400> 8790

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<210> 8791

<211> 542
<212> DNA
<213> Homo sapiens

<400> 8791

ctactcaaac tataagcttt tattattgta ttttacagat cattcattca ggacatgctg 60 catciggggt tggcatcatt tcccttttga atgacagaat gtgcataaaa gtctcttgcc 120 cacgctgaac tcacacgtgc ccggcaggaa ggagctctca cgaagtgcca gctggatgtg 180 agcttgctct ggcagcagca gtgctgtcct tgtttctgag ctgccaccta ttcactggag 240 ttaggtgggt caaagctgaa atttagcttg gaatttaagt ttctaatttt atacttttca 300 ttgnggtctg gtcagatttt agtctgcttc aaaatcaaaa ggtcactcag tcactctaat 360 atgatcattt tgaatatgga aatttgttat ttacatgctg tacctcaaat caaagaaaaa 420 gcacgcgtca atatcacgcg taggaaaaac tagaaaattg ttccttttcc atttgccccc 480 tggttangtt tcctcataac nggtcngctt ggaaaccaga cttccccttt naacagatgc 540 542 cn

<210> 8792

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8792

caatctttac aattttattg taaatcatag tgtgagatac agctgcaaat atagggaagt 60 aagttcacaa actgttattt tctaaagcta aagctaacat taggccttgc tatggtagaa 120 ctcttcactg ggttgtttct taaaaaaaaat tcacgcaact gacaggagga attgtcttta 180 ttcttgcatt aatgataaat gtaatctaca agatggcctt catggattag aaaaaggaat 240 cagaccacaa ggaaaaagaa attgctggtt ttcactcaag atttatctag aaaagtgtac 300 tgactactgg aataatagtt tacccctggg ttgtaccaca gaatgagaaa ttctacaaga 360 ttatacaact ctttttctac aagattacac tactcatatt gnttttattc cattccggaa 420

ttagaaatta	actttctaaa	tatcgntttt	tttctccaaa	aaaatccttt	taccagctaa	480
cctgggatat	ggccaaaaat	atcttgatnc	tggnaaaggg	ctatctccct	agtaaaaaat	540
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<210> 8793

<211> 551

<212> DNA

<213≯ Homo sapiens

<400> 8793

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gatacacgct	gaaccattta	cagacacact	aaaaatgttt	taaaatatct	tctttctcca	180
aagagtccat	tgcgcatttc	ttagagtaga	gatggggaca	cattccaggc	aaggtcacaa	240
tggcattttg	ttgccctcaa	tgctgatttt	cactgcgtgt	gcagatctgc	ttttttcct	300
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<210> 8794

<211> 553

<212> DNA

<213> Homo sapiens

<400> 8794

gcaaaacaat cagaaaacat ttattatact gaaatgtgta catcctacta ttaaaaaaaac 60 aaagtaacaa atttgctggt gccaaaattt atttagcctg tttcactggg acaaactcac 120

gttcaatgcc actcagtata atttcaagtc tgataagcat ctaagtattt ttaccccgct 180 tctaaaacct gatgaggaat tcaaaataag cacacagcat taaatgacat ttattgttcc 240 ataaatcttg agacccaaaa aggaatgcta aatagacaag caaaactttt aaaacaaacg 300 agataaactc acttetttee ceagtgactg gtacagaaaa catgtggtea cacgaaagca 360 420 aagggaaaaa gtcagaaagg aaaactctct gcctatagga tctataggag ttacagatat tttcaaatcg atgatgaaaa tagatcgtgc ttctttgtag caaataatta acccccttta 480 tgaataaaac ataaaatgtc aaaagctttt actcactgna gtagttggct ttttgggaga 540 agatttcaac tcc 553

<210> 8795

<211> 566

<212> DNA

<213> Homo sapiens

<400> 8795

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<210> 8796

<211> 545

<212> DNA

<213> Homo sapiens

<400> 8796

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tcggnccgct	tttcgggctt	cttcctccag	ttcatcccaa	tcctttccac	tctcttcttc	180
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ccagttgagg	gactgnactc	cttctgggna	tttcaggtcg	caggaattca	accattcctt	480
gatggggcaa	ganaagcttc	nggaatggcg	gttgacatgg	cactttcttg	ntggagnccc	540
tgggg				٠		545

<210> 8797

<211> 481

<212> DNA

<213> Homo sapiens

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aaatgcatta	aatacacatc	ctaaatggaa	tatgctgtat	atccgatgaa	atacatagaa	180
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gagaatctac	agatattagc	atccaggaat	aatttttatt	cctggcccat	tttctgccca	420
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<210> 8798 <211> 554 <212> DNA <213> Homo sapiens

<400> 8798

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<210> 8799

⟨211⟩ 569

<212> DNA

<213> Homo sapiens

<400> 8799

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ctaagagtat	tgcaatcaca	tcgtggcaat	caccggcgcg	tgccgcgtga	ctacctcctc	480
ggctaatatg	ctttcttctc	ggcgatgact	aatcacgttc	tattaaacag	cagtaatgcg	540
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<210> 8800

<211> 561

<212> DNA

<213> Homo sapiens

<400> 8800

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tgtacctttt	agtagtaatg	tctaataata	aataagaaat	caattttata	aggtccatat	180
agctgtatta	aataattttt	aagtttaaaa	gataaaatac	catcatttta	aatgttggta	240
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tgggaaatat	agtagtttat	gaatgtaaat	taaattccag	ttataatagt	ggctacacac	360
tctcactaca	cacacagacc	ccacagtcct	atatgccaca	aacacatttc	cataacttga	420
aaatgagtat	ttgcatatct	cagttcagga	tatgtttttt	acaagttaat	cctaaagtct	480
taagccagga	agcttttctt	agtncaggat	tttattggct	aagctttaca	aattaaccct	540
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<210> 8801

<211> 376

<212> DNA

<213> Homo sapiens

<210> 8802

<211> 567

<212> DNA

<213> Homo sapiens

<400> 8802

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⟨211⟩ 558

<212> DNA

<213> Homo sapiens

<400> 8803

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<211> 503

<212> DNA

<213> Homo sapiens

<400> 8804

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<210>	8805	
<211>	562	
<212>	DNA	
<213>	Homo	sapiens

<400> 8805

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tgaatttttc	tgctctatca	aaaggatact	tatgatcatt	tnggccttaa	tttccctgaa	480
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<210> 8806 ⋅

<211> 523

<212> DNA

<213≻ Homo sapiens

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<210> 8809

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8809

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<210> 8810

<211> 580

<212> DNA

<213> Homo sapiens

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<210> 8811

⟨211⟩ 583

<212> DNA

<213> Homo sapiens

<400> 8811

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<210> 8812

<211> 506
<212> DNA
<213> Homo sapiens

<400> 8812

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<210> 8813

⟨211⟩ 473

<212> DNA

<213> Homo sapiens

<400> 8813

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240

300

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⟨210⟩ 8816

<211> 560

<212> DNA

<213> Homo sapiens

<400> 8816

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<210> 8817

⟨211⟩ 484

<212> DNA

<213> Homo sapiens

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<210> 8819

<211> 544

<212> DNA

<213> Homo sapiens

<400> 8819

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<210> 8820

<211> 561

<212> DNA

<213> Homo sapiens

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<210> 8826

<211> 568

<212> DNA

<213> Homo sapiens

<400> 8826

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<210> 8827

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8827

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<210> 8828

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8828

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gtaatttcat	ggttctntac	caatttcatt	tacagaaata	atctctatag	tcaaattatt	240
gntcactttc	atgccccaac	atgggaagng	gtaggngaat	atctgtagga	atncaattta	300
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ncttcatgag	cagccagatc	atagagagga	gccttacaac	ttcttgtatc	ccacagctta	420
acaatgttat	ctaaagatcc	tgaaatcagc	tgctgttcat	gggtagggag	accattttac	480
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<210> 8829

<211> 498

<212> DNA

<213> Homo sapiens

<400> 8829

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aaattatagt aagcagtata aaattacaat ttattatggg gccaggggga ttcacaacca 180 teettaaaaa cattaagage aaaccaegge caggcatggt ggeteacaee tgtaateeca 240 gcaetttggg aggetgaggt gggcagatea ettgaggtea ggagtteaae atgatgaaae 300 eeegteteta etaaatatae aaaaattage eagteatgat gtegtacaee tgtggteeca 360 getaetegga gggetgagge atgagaateg ettgaaeetg ggaggeggae gttgeagtga 420 gecaagatag egecaetgea etecageetg ggaaacagag egagaeteeg tetnaaaane 480 aaancanane anngaaae 498

<210> 8830

<211> 565

<212> DNA

<213> Homo sapiens

<400> 8830

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<210> 8831

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8831

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<210> 8832

⟨211⟩ 553

<212> DNA

<213> Homo sapiens

<400> 8832

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<400> 8834

<213> Homo sapiens

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•	,					
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gaaagtaaca	agcaaatttt	ataattcctt	ttctgttggn	cagcatattn	canattggca	480
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<210> 8837

<211> 570

<212> DNA

<213> Homo sapiens

<400> 8837

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<210> 8838

<211> 560

<212> DNA

<213> Homo sapiens

<400> 8838

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<210> 8839

<211> 515

<212> DNA

<213≻ Homo sapiens

<400> 8839

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<210> 8840

<211> 569

<212> DNA

<213≻ Homo sapiens

<400> 8840

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gaaagatcaa	atttcctagg	aaatgnatat	acatgctgat	ggcataagga	naggetntge	540
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<210> 8841

<211> 555

<212> DNA

<213> Homo sapiens

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<210> 8844

<211> 485

<212> DNA

<213> Homo sapiens

<400> 8844

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<210> 8845

<211> 551

<212> DNA

<213≻ Homo sapiens

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<210> 8846

⟨211⟩ 693

<212> DNA

<213> Homo sapiens

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<212> DNA
<213> Homo sapiens

<400> 8847

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<210> 8848

⟨211⟩ 599

<212> DNA

<213> Homo sapiens

<400> 8848

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<210> 8849

<211> 600

<212> DNA

<213> Homo sapiens

<400> 8849

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<210> 8850

<211> 587

<212> DNA

<213> Homo sapiens

<400> 8850

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<210> 8851

<211> 591

<212> DNA

<213> Homo sapiens

<400> 8851

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<210> 8854

⟨211⟩ 587

<212> DNA

<213> Homo sapiens

<400> 8854

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<210> 8855

<211> 592

<212> DNA

<213> Homo sapiens

<400> 8855

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<210> 8856

<211> 565

<212> DNA

<213> Homo sapiens

<400> 8856

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<210> 8859

<211> 379

<212> DNA

<213> Homo sapiens

<400> 8859

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<211> 601

<212> DNA

<213> Homo sapiens

<400> 8860

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<210> 8861

⟨211⟩ 613

<212> DNA

<213> Homo sapiens

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<213> Homo sapiens

<400> 8864

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<210> 8865

⟨211⟩ 566

<212> DNA

<213> Homo sapiens

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<210> 8868

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8868

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<210> 8869

<211> 511

<212> DNA

<213> Homo sapiens

<400> 8869

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<210> 8870

<211> 489

<212> DNA

<213≻ Homo sapiens

<400> 8870

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<210> 8871

<211> 586

<212> DNA

<213≻ Homo sapiens

⟨400⟩ 8871

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<210> 8872

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8872

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<210>	8873	
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<213>	Homo	sapiens

<400> 8873

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<210> 8874

⟨211⟩ 497

<212> DNA

<213> Homo sapiens

<400> 8874

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<210> 8875

<211> 499

<212> DNA

<213> Homo sapiens

<400> 8875

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<210> 8876

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8876

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⟨210⟩ 8877

<211> 544

<212> DNA

<213> Homo sapiens

<400> 8877

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<211> 578

<212> DNA

<213> Homo sapiens

<400> 8878

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<210> 8879

<211> 573

<212> DNA

<213> Homo sapiens .

<400> 8879

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e.		,				
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<210> 8883

<211> 566

<212> DNA

<213> Homo sapiens

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<210> 8884

<211> 502

<212> DNA

<213> Homo sapiens

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<210> 8885

<211> 558

<212> DNA

<213> Homo sapiens

<400> 8885

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<211> 509

<212> DNA

<213> Homo sapiens

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<210> 8887

<211> 530

<212> DNA

<213> Homo sapiens

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<210> 8888 .

<211> 542

<212> DNA

<213> Homo sapiens

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<400> 8889

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<210> 8890

<211> 382

<212> DNA

<213> Homo sapiens

<400> 8890

<210> 8891

<211> 552

<212> DNA

<213> Homo sapiens

<400> 8891

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<210> 8892

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<211> 523

<212> DNA

<213> Homo sapiens

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ttattcatgt gatgtccaaa aatttaaaaa aaatgtccac gtttattaca aaatcgtacc 420

ctgggaaaac catccagaga attgnnggca atatctttct ttttaaccag gcaggatatt 540

60

120

180

240

300

360

480

552

caggctccca	tntagnggcc	cctgcgtgtg	tcccaccacc	tnctccatgc	cgtcatctcg	360
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<210> 8893

⟨211⟩ 471

<212> DNA

<213> Homo sapiens

<400> 8893

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<210> 8894

<211> 531

<212> DNA

<213> Homo sapiens

<400> 8894

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tccttttagg	attggtacca	caggggaaca	cagcttttca	aagcgcctta	cggggaagac	42
tgagcctgga	atcttgacca	atttgtnggg	caaancctta	aggaaccctg	gcccaanccn	48
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<210> 8895

<211> 419

<212> DNA

<213> Homo sapiens

<400> 8895

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ccttgggggc	tctgagcagc	aggtacaccg	tcctccctc	ctgccagcct	ggttctgccc	240
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catgtcccgg	cgggcagtgc	ccaggcccag	ttgtattttt	tagcanactg	gntgcactat	360
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<210> 8896

<211> 425

<212> DNA

<213> Homo sapiens

<400> 8896

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<210> 8897

<211> 502

<212> DNA

<213≯ Homo sapiens

<400> 8897

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<210> 8898

<211> 352

<212> DNA

<213> Homo sapiens

<400> 8898

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cctctgatcc	agctgcagcc	tcccataana	agttcactnt	taatttcatg	tcccatgctt	180
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<210> 8899

<211> 467

<212> DNA

<213> Homo sapiens

<400> 8899

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<210> 8900

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8900

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<210> 8901

⟨211⟩ 533

<212> DNA

<213> Homo sapiens

<400> 8901

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<210> 8902

<211> 546

<212> DNA

<213> Homo sapiens

<400> 8902

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<210> 8903

<211> 545

<212> DNA

<213≻ Homo sapiens

<400> 8903

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	attatcaagt	actgtgggct	cctaatgagg	aggaagggan	gtaattggna	cccaatggtg	420
	acnttanagt	ggaaggggaa	aaaagctggg	ggaaagtggc	ttggagaccc	ttcttccaca	480
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<213> Homo	sapiens				·	
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⟨210⟩ 8912

⟨211⟩ 486

<212> DNA

<213> Homo sapiens

<400> 8912

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<210> 8913

<211> 514

<212> DNA

<213> Homo sapiens

<400> 8913

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<211> 509

<212> DNA

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<210> 8915

<211> 541

<212> DNA

<213≯ Homo sapiens

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<210> 8916

<211> 169

<212> DNA

<213≯ Homo sapiens

<400> 8916

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<211> 550

<212> DNA

<213≻ Homo sapiens

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<210> 8918

<211> 551

<212> DNA

<213> Homo sapiens

<400> 8918

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<210> 8919 <211> 553 <212> DNA <213> Homo sapiens

<400> 8919

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<210> 8920

<211> 379

<212> DNA

<213> Homo sapiens

<400> 8920

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<211> 541	,					
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<210> 8923

<211> 554

<212> DNA

<213> Homo sapiens

<400> 8923

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<210> 8924

<211> 581

<212> DNA

<213≻ Homo sapiens

<400> 8924

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<210> 8925

<211> 565

<212> DNA

<213> Homo sapiens

<400> 8925

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<210> 8926 <211> 459 <212> DNA <213> Homo sapiens

<400> 8926

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<210> 8927

<211> 570

<212> DNA

<213> Homo sapiens

<400> 8927

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<211> 542

<212> DNA

<213> Homo sapiens

<400> 8930

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<211> 536

<212> DNA

<213> Homo sapiens

<400> 8931

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<210> 8932

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

<400> 8932

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<212> DNA

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<400> 8933

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<210> 8934

<211> 569

<212> DNA

<213> Homo sapiens

<400> 8934

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<211> 569

<212> DNA

<213> Homo sapiens

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<210> 8938

⟨211⟩ 578

<212> DNA

<213> Homo sapiens

<400> 8938

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<210> 8939

<211> 539

<212> DNA

<213> Homo sapiens

<400> 8939

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<400> 8940

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<210> 8941

⟨211⟩ 581

<212> DNA

<213> Homo sapiens

<400> 8941

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cactccacgt	ttttagaacc	gattcaatng	gccccggtgg	aagccttaat	ggaccattca	540
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<210> 8942

⟨211⟩ 497

<212> DNA

<213> Homo sapiens

<400> 8942

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<210> 8943

<211> 581

<212> DNA

<213> Homo sapiens

<400> 8943

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<210> 8944

⟨211⟩ 587

<212> DNA

<213> Homo sapiens

<400> 8944

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<210> 8945

⟨211⟩ 292

<212> DNA

<213> Homo sapiens

<400> 8945

<210> 8946

<211> 564

<212> DNA

<213> Homo sapiens

<400> 8946

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<210> 8947

<211> 587

<212> DNA

<213> Homo sapiens

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<210> 8948

⟨211⟩ 601

<212> DNA

<213> Homo sapiens

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<210> 8951

⟨211⟩ 562

<212> DNA

<213> Homo sapiens

<400> 8951

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<210> 8952

<211> 535

<212> DNA

<213> Homo sapiens

<400> 8952

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<210> 8953

⟨211⟩ 513

<212> DNA

<213> Homo sapiens

<400> 8953

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aagacagggt	cttgctctgt	tgccaaggct	ggagtataag	tggtccaatc	atagctacag	360
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<213> Homo sapiens

<400> 8954

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<210> 8955

<211> 474

<212> DNA

<213> Homo sapiens

<400> 8955

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<210>	8956	
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<400> 8956

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<210> 8957

<211> 507

<212> DNA

<213> Homo sapiens

<400> 8957

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<210> 8958

<211> 584

<212> DNA

<213> Homo sapiens

<400> 8958

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<210> 8959

· <211> 560

<212> DNA

<213> Homo sapiens

<400> 8959

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<210> 8960

<211> 502

<212> DNA

<213> Homo sapiens

<400> 8960

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<210> 8961

⟨211⟩ 576

<212> DNA

<213> Homo sapiens

<400> 8961

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<210> 8962

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8962

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<213> Homo	sapiens					
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gaccagctgc	attatccact	aatgagagtt	agcntgtcct	ttcaaagcag	atgttgnctn	240
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<210>	8965	
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<213>	Homo	sapiens

<400> 8965

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aa	atgtcaaa	atgtccacaa	aaaaagtctt	tagaaagtca	aatccactgt	ccatttgtgt	180
tg	ggtaagag	acctatgtct	tcattcactg	catggaatcc	atgttaaaag	aaccctgtct	240
tg	gttgtata	ttatcacagg	actcttgtat	taatccattt	ttcctcaatt	ccccatagta	300
ga	ctgccatc	ttgatttctc	agtggtaggg	tccatttgaa	actcttcaag	ctgactgggt	360
gt	aaatgttt	ccaccaatgt	ctacttcatt	ggatggggcc	tttagaggat	tcaagtttga	420
gg	ttcatatt	tttgctatat	aaaatactga	ctttnccaaa	gatttccttt	atcctctagg	480
at	aaaactnc	acggtctcag	cttcaaaatg	gcatacctca	aatnaaagac	ccattattgg	540
tc	agaaccaa	ccgnacccaa	tttatttttn	٠.			570

<210> 8966 <211> 464 <212> DNA

<213> Homo sapiens

<400> 8966

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cagactcaac	agggccaggc	cagctagtgg	ccnagtcagn	gttcatgtct	ctcaccantg	420
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<210> 8967

<211> 440

<212> DNA

<213> Homo sapiens

<400> 8967

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caggccaccc	ctcanatggg	ggtcccatgc	taaagcagac	ggtgccggtg	ccgcagggcg	180
tntgagaccc	acggtggagc	ctgggcctgg	cgtgcgggag	gcggccacga	cggcgccttt	240
ctcccaggaa	ctccgggagg	gaccccagga	ctnagcgcca	gggcagcctt	ggcaggtgca	300
gtgaggcant	gacttgtggg	ggttagatgt	gggcctgccc	cacgtgggca	gggatcagcc	360
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<210> 8968

<211> 565

<212> DNA

<213> Homo sapiens

<400> 8968

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ctgnacactt	tggacagaag	tcctttaggg	ttccagactg	gnttgctctt	tggctgacct	420
tnaattccct	ttccangact	tcgaccantc.	ccctaaaccc	agagcatttt	tttccctnat	480
nttttngggc	ttgtcctggt	taancctttg	ttgggaggct	gaactggnac	ttttggggaa	540
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<210> 8969

<211> 357

<212> DNA

<213> Homo sapiens

<400> 8969

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cggctgagtt	tcccaaccac	aggtaaaggc	cccacccaaa	agccaaattc	tttcagtcaa	180
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aaaaacgtaa	aatcaaaaga	aaggtttgga	aatgaaagtt	taaatatggn	aactgaagtc	300
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<210> 8970

<211> 489

<212> DNA

<213> Homo sapiens

<400> 8970

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⟨210⟩ 8971

<211> 410

<212> DNA

<213> Homo sapiens

<400> 8971

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tcacctttgt	ccagaagcag	tcctgggaga	ggtcctcagc	cacaagcttg	gaccagtttg	180
gcctccggag	ctgcacctct	ggcttataaa	gctttttggg	ggttaatcca	aatggcagaa	240
ctggggctgc	aggaactcca	aatccaaatg	ggggaggtgg	aggcataccc	attccgggtg	300
gaggtggagg	aatgccaggg	cctccgggaa	atggaggagg	tggagggatt	ccaggaccac	360
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<210> 8972

<211> 386

<212> DNA

<213> Homo sapiens

<400> 8972

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gggttcaagc	aattcctgtg	cctcagcctc	ccaagtcatg	gggatcacag	gcatatgcca	1.80
ccacacctgg	ctcattttta	tatttttagt	agagataagg	tttcgctacg	ttggccaggc	240
tgctctcaaa	ctcctggctt	caagtgatcc	acccctctca	gcctcccaaa	gtgctgggat	300
tgcagagcca	tcatgcccca	cctaaaaaaa	ccggtattaa	atggaaagnc	aagtttaaat	360
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<210> 8973

<211> 496

<212> DNA

<213> Homo sapiens

<400> 8973

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caggcacgca	ccaccacgct	cggctaattt	ttgtattttt	agtagagaca	ggttttcacc	180
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attcaatgac	catctagaga	cagatgtgac	caaagtgtta	caaatttcta	tgcattttct	360
atgaattgct	ctgtgcagtt	cacacatggg	ttcattcacc	ccgcaggctg	tgaacttcct	420
tatnctgnan	gctgcaggnc	ttaagnttca	ncaactcncg	aaccaaaaga	cttaaagggg	480
gacttggtta	aaataa					496

<210> 8974

<211> 583

<212> DNA

<213> Homo sapiens

<400> 8974

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tcatacctgg	agtcctttat	attaaatata	ttatttacgc	aggcactagg	caaaattgaa	180
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ttacttttgg	cctttatggt	acccgcttta	taacccggat	tattntgccc	gcannccgga	540
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<210> 8975

<211> 349

<212> DNA

<213≻ Homo sapiens

<400> 8975

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gtgttaacta	acatacaata	ggactgtacc	cttttacagg	attgagtgtt	ttggatccca	180
ctcacacact	aaaaccctgc	cataaagttg	tatcaattag	ggctgttcaa	atgtgaaact	240
gtattggaaa	atgggaaact	ttatctcctt	atatatgtat	atttttgag	atggcgtntn	300
gcnctttngc	ccatgctgga	ntgaagtggc	nctatcctgg	gtcactgna		349

<210> 8976

<211> 563

<212> DNA

<213≻ Homo sapiens

<400> 8976

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⟨210⟩ 8977

<211> 548

<212> DNA

<213> Homo sapiens

<400> 8977

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<210> 8978

<211> 517
<212> DNA
<213> Homo sapiens

<400> 8978

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<210> 8979

<211> 564

<212> DNA

<213> Homo sapiens

<400> 8979

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aggatattct	tttttgacca	atattagtta	atctaattgg	cacagttagc	attaatgtgg	300
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<211> 537	,					
<212> DNA			÷			
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<210> 8982

<211> 555

<212> DNA

<213> Homo sapiens

<400> 8982

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<210> 8983

<211> 555

<212> DNA

<213> Homo sapiens

<400> 8983

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<210> 8984

⟨211⟩ 500

<212> DNA

<213> Homo sapiens

<400> 8984

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<210> 8985

<211> 537

<212> DNA

<213> Homo sapiens

<400> 8985

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<210> 8986

⟨211⟩ 548

<212> DNA

<213> Homo sapiens

<400> 8986

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<211> 548

<212> DNA

<213> Homo sapiens

<400> 8989

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<211> 541

<212> DNA

<213> Homo sapiens

<400> 8990

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<210> 8991

<211> 562

<212> DNA

<213> Homo sapiens

<400> 8991

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<210> 8992

<211> 565 <212> DNA <213> Homo sapiens

<400> 8992

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<210> 8993

⟨211⟩ 577

<212> DNA

<213> Homo sapiens

<400> 8993

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<210> 8994

<211> 500

<212> DNA

<213> Homo sapiens

<400> 8994

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<210> 8995

<211> 543

<212> DNA

<213> Homo sapiens

<400> 8995

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<210> 8996

<211> 562

<212> DNA

<213≯ Homo sapiens

<400> 8996

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						ccagcacttt	180
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tgtcaa	aaaa	aaaagaaaga	aagaaagaaa	gaggattaaa	attnccctta	ngnctggacc	480
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<211> 556

<212> DNA

<213> Homo sapiens

<400> 8997

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<210> 8998

⟨211⟩ 568

<212> DNA

<213> Homo sapiens

<400> 8998

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<210> 8999
<211> 538
<212> DNA
<213> Homo sapiens

<400> 8999

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<210> 9000

<211> 560

<212> DNA

<213> Homo sapiens

<400> 9000

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<210> 9001

<211> 565

<212> DNA

<213> Homo sapiens

<400> 9001

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<210> 9002

<211> 561

<212> DNA

<213> Homo sapiens

<400> 9002

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<210> 9003

<211> 565

<212> DNA

<213> Homo sapiens

<400> 9003

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<210> 9004

⟨211⟩ 538

<212> DNA

<213> Homo sapiens

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<210> 9005

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<211> 562

<212> DNA

<213> Homo sapiens

<400> 9008

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<210> 9009

<211> 560

<212> DNA

<213> Homo sapiens

<400> 9009

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<210> 9010

⟨211⟩ 487

<212> DNA

<213> Homo sapiens

<400> 9010

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<210> 9011

<211> 541

<212> DNA

<213> Homo sapiens.

<400> 9011

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aactggtg	ca ngtcctccag	tttgcngcaa	aaggttggca	gcagaggaga	atggatgatn	480
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g			•	.*		541

<210> 9012

<211> 537

<212> DNA

<213> Homo sapiens :

<400> 9012

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acticating teetteteea tinggeteat gaaaatagne tinteeaagg tittiggeetg 480 ggttietnit gggeeatgga ggatggetin aggitgggan ateetggaag eggaint 537

⟨210⟩ 9013

<211> 520

<212> DNA

<213> Homo sapiens

<400> 9013

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<210> 9014

⟨211⟩ 578

<212> DNA

<213> Homo sapiens

<400> 9014

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<210> 9015

⟨211⟩ 573

<212> DNA

<213> Homo sapiens

<400> 9015

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<210> 9016

<211> 575

<212> DNA

<213> Homo sapiens

<400> 9016

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<210> 9017

<211> 585

<212> DNA

<213> Homo sapiens

<400> 9017

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<210> 9018 <211> 570 <212> DNA

<213> Homo sapiens

<400> 9018

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<210> 9019

⟨211⟩ 576

<212> DNA

<213> Homo sapiens

<400> 9019

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<210> 9020

⟨211⟩ 563

<212> DNA

<213> Homo sapiens

<400> 9020

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<210> 9021

⟨211⟩ 579

<212> DNA

<213> Homo sapiens

<400> 9021

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atgcatgctg gctcaaaaat ggcagctctc atcactatca atacaaaaac ataaagcaag 120 acattetetg cectitette tigititetgg atgiataaat gaatatitet etaiggagga 180 aaagtcatga acatgaggtt aactccacga cacaaagtcc atggctgact tcccactcct 240 tagccagatg aaaggtcaca gcttagagga acgggtcttt atgtgcttat gacttggtgt 300 tggaaggagt tccctgacca tgggagagct cagctctgtg atgatttagc aaagcaattc 360 agaatgaaat ttggcctggn tatacactaa attaatgtac caaatccacc tacctttcta 420 gctaatgggg aattatgaag gttgccttgg aagaacaaat atttcccaat agaattcacc 480 gggtcccacc aaaacagtca agaatttgga gttctggggg gttgcccatt ntcccgaatt 540 ggaancctac ttaactttat tgggggtctt aaagctnaa 579

<210> 9022

<211> 556

<212> DNA

<213> Homo sapiens

<400> 9022

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<210> 9023

<211> 479

<212> DNA

<213> Homo sapiens

<400> 9023

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<210> 9024

⟨211⟩ 551

<212> DNA

<213> Homo sapiens

<400> 9024

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<210> 9025 <211> 562 <212> DNA <213> Homo sapiens

<400> 9025

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<210> 9026

⟨211⟩ 556

<212> DNA

<213> Homo sapiens

<400> 9026

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<210> 9027

<211> 394

<212> DNA

<213> Homo sapiens

<400> 9027

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ttanttctt	a actggtacca	nggcccctat	ggacctataa	nttggcaccc	tgntccactt	360
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<210> 9028

<211> 560

<212> DNA

<213≻ Homo sapiens

<400> 9028

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ttcattgtct cttgtcccaa agatggtctt acttctggga atgactcagg aaacaaaaat 240 ggtctccctc ctcggccttt cttgccccag gggcagttct gggatttgag gagcaacagg 300 caccaggaaa ggggttgggg tggtggtccg ggatgctgcc cctggagaag gtgaagcggc 360 ccgatgaacg cgttcatggt gtggagctcc gctcagcgcc gccagatggc gcagcagaac 420 cccaagatgc caacttcgag atctccaagc gcctgggccg cgcaatggaa ctgctggacn 480 aggaccaaaa acgggccttc gtggangaag ncaaacggnt ccggcccaaa ctggggcgaa 540 tancccgact acaagaccg 560

<210> 9029

<211> 558

<212> DNA

<213> Homo sapiens

<400> 9029

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<210> 9030

<211> 551

<212> DNA

<213> Homo sapiens

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<210> 9031

<211> 562 -

<212> DNA

<213> Homo sapiens

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⟨211⟩ 531

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<211> 564

<212> DNA

<213> Homo sapiens

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⟨211⟩ 570

<212> DNA

<213> Homo sapiens

<400> 9035

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<210> 9036

⟨211⟩ 531

<212> DNA

<213> Homo sapiens

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<210> 9037

<211> 547

<212> DNA

<213> Homo sapiens

<400> 9037

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<210> 9038

⟨211⟩ 567

<212> DNA

<213> Homo sapiens

<400> 9038

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<210> 9040

<211> 494

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<210> 9041

⟨211⟩ 582

<212> DNA

<213> Homo sapiens

<400> 9041

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<210> 9042

⟨211⟩ 567

<212> DNA

<213> Homo sapiens

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caatttctgc ctcccgggtt caagtgattc tcctgcctca cctcctgagt agctgggatt 120 ataggcatgt accaccatgc ctggctaatt tttgtatttt tagtagagac ggggtttcac 180 catgttggcc aggctggtct cgaactcctg acctcaagtg atccacccgc cttggcctcc 240 caaagtgcag gattacaggc atgagccaca gtgcctggac tcatttattg attcaatcat 300 360 ctgctttatt ttgttgctca cactgtttca gcttcagcca ctgggaacat cttccctctg 420 catgcccatc tcacatcact gnatgtataa agttctgnct tgctctctga ctctacaaga 480 tctcagctta tcttggatac tttctggcct aagtttaaaa tcagctattt ttcaaggaac 540 cctggttcgt ttaatggaaa anggggg 567

<210> 9043

⟨211⟩ 556

<212> DNA

<213> Homo sapiens

<400> 9043

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<211> 548

<212> DNA

<213> Homo sapiens

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<211> 566

<212> DNA

<213> Homo sapiens

<400> 9045

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<210> 9048

⟨211⟩ 566

<212> DNA

<213> Homo sapiens

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<210> 9049

<211> 576

<212> DNA

<213> Homo sapiens

<400> 9049

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<210> 9052

<211> 545

<212> DNA

<213> Homo sapiens

<400> 9052

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<210> 9053

<211> 576

<212> DNA

<213> Homo sapiens

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<210> 9054

<211> 572

<212> DNA

<213> Homo sapiens

<400> 9054

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<210> 9055

<211> 493

.<212> DNA

<213> Homo sapiens

<400> 9055

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<210> 9056

<211> 549

<212> DNA

<213> Homo sapiens

<400> 9056

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<210> 9057

<211> 488

<212> DNA

<213> Homo sapiens

<400> 9057

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<210>	9058	
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<212>	DNA	
<213>	Homo	sapiens

<400> 9058

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acaaccacaa	aaagtaaaaa	ctttaaacaa	acatgaacag	gatttgtttt	tagggcacac	180
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gtaccattgg	aataatggtt	gggnaaactt	ttgggctttg	gattttttt	taagttttac	480
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cgt						543

<210> 9059

<211> 495

<212> DNA

<213≻ Homo sapiens

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tttttgacct	tccatacagt	caggttcctc	ttcagtgtgg	atgtttccta	acgaccaagt	180
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tcccaaagng	gaagctaaaa	acaaagaaga	atctccacac	attttacatt	cataagattt	300
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cattccttac	agccagangg	ccgtgcattt	atatccaagg	gctcacaagc	tcaanagggc	420
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· · · · · ·						
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<212> DNA				:	·	
<213> Homo	sapiens					
•						
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				gccccgccga		300
ttcttacatg	atacatctta	ttatcaattg	acaagctgnt	cttttacttg	aaatttactc	360
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<211> 526					, .	
<212> DNA						
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gctttaaaan	acccggttnt	ctnggatgga	tccccagatg	acnaaaggca	aggttcctgg	480
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<210> 9062

<211> 546

<212> DNA

<213≻ Homo sapiens

<400> 9062

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acattttgtt	aaatatttaa	aacttaattt	tcataatgaa	aatttttcaa	gatagtctct	180
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taagaagctc	ttttctactc	tatactaaaa	aattcaaatt	tatgaatcag	ccagtatccc	300
ctaagtgact	atcttgggca	aaactagtaa	atgcccatac	tgaccacaat	tattàtaaat	360
aattaacata	ttacaaacat	ataacttttt	tacctgtaaa	tacccataaa	ttaggtaaaa	420
tacaaaaact	ccagcaacac	atatgaaaaa	ctggagnagg	tttggtaaac	ttgctggaga	480
ttcatggcca	ggtcccacaa	cggnggcaac	tggcttggat	gnggggggga	cattggttng	540
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<210> 9063

<211> 530

<212> DNA

<213> Homo sapiens

<400> 9063

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tatgttggtc	aggctggtcc	tgaactcccg	agctcagatg	atccgcccac	ttcagcctcc	240
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atcttcttgg	ctctttctna	aatcaaatta	caaactctta	acttcnggat	tagtttccca	480
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<210> 9064

<211> 540

<212> DNA

<213> Homo sapiens

<400> 9064

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<210> 9065

<211> 553

<212> DNA

<213> Homo sapiens

<400> 9065

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<210> 9066

⟨211⟩ 545

<212> DNA

<213> Homo sapiens

<400> 9066

gagacagagt ttcactgtcg atgcccaggc tggagtgcaa tggcatgatc ttggctcgcc 60 gcaacctccg cctcccgggt tcaagtgatt ctcctgcctc ggcctcccaa gtagctggga 120 ttacagacat gcgccaccat gcccggctaa ttctgtattt tcagtagaga tggggtttct 180 ccatgttggt caggctggtc tcgaactccc gacctcaggt gatccgccca cctcagcctc 240 ccaaagtgct gggattacag gcgtgagcca ctgtctctgg cctgggtctc ccatttctag 300 ctgactttgg gtgacacaag acagctgagc acatgcacct gcgcccgctc atgcacaaga 360 420 ccctcctgca accacagcaa aggagggacg caggtgtcaa ccctgaagga cacaaagaat 480 gggaaagggg aaggccgcan tgggagaccc gtggcatttt cngagagatc ccggatgaac gtncaggaac nggctttgac tnctaagagg aggggttccc nccaagggga agggggtttt 540 cttaa 545

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<400> 9068

<212> DNA

<213> Homo sapiens

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agaagttccc	gtgtgattgc	atcacccaac	ggcactgttc	tgtcatcagg	aaatgctgag	360
tgcccgccgt	ggccgggtgg	gcgcgggcgg	tggtcagacg	ctgctctgga	gctggctatg	420
gcaaagaaga	ggacgcccag	caccttgtac	aggagcccca	tgatgaagta	ttgtanccgg	480
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<210> 9069

<211> 543

<212> DNA

<213≯ Homo sapiens

<400> 9069

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cctgtcctat	atgcgctcta	ccagatgact	caattatatt	ccatccatcc	atggaatcct	180
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ggctacaaga	gagaatacat	tacacaatcc	tactgctgta	taaaacaaaa	catctggaag	300
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aagtggcaaa	taaaatttna	tggtaaatat	tccgcttccg	gggaaataac	cccattntta	540
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<210> 9070

<211> 562

<212> DNA

<213> Homo sapiens

<400> 9070

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<210> 9071

<211> 549

<212> DNA

<213> Homo sapiens

<400> 9071

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<210> 9072

<211> 494

<212> DNA

<213> Homo sapiens

<400> 9072

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<210> 9073

⟨211⟩ 534

<212> DNA

<213> Homo sapiens

<400> 9073

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<210> 9074 <211> 565 <212> DNA <213> Homo sapiens

<400> 9074

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<210> 9075

⟨211⟩ 381

<212> DNA

<213> Homo sapiens

<400> 9075

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tgcgaaatae gttgaeteet eeteegeete aeeeetgaan tgeeteetee tetateetee 240
ceateaettt cateatette tgtetetget getgtattat ttttagggnt geeteeneen 300

	•				•	
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caaacatttc cctacatcaa tcaccttcag ttggaaagtg cctctccnta aaaaganatc 180

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<210> 9078

<211> 562

<212> DNA

<213> Homo sapiens

<400> 9078

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acgcctgggc	taattttttg	tatttttagt	agagacgggg	tttcaccatg	ttagccagga	180
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caggcgtgag	ccaccccgcc	cggccatgtt	tttcatctta	attcttctat	tgattaaaat	300
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cagctgatag	caaataatta	attataccag	aatgaaaagg	cagaactgct	ccaaatgcac	420
aaaacttanc	tagcactaaa	anaaatactg	aattttcccc	catagtatat	aatattttat	480
tgggaacaaa	aatatttaaa	tgaatttcnc	agctatattt	acncataggg	tnccgccgan	540
aaggaaanat	tgattacctg	ac		* •		562

<210> 9079

<211> 525

<212> DNA

<213> Homo sapiens

<400> 9079

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- 特平11-248036...

gctgagacca	caggcacatg	ccacgactcc	cagctaattt	tttttttt	ttttaaatta	180
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tctgcctggg	ccttccaaat	tgttgtaagt	acaggagtga	gccattgcac	ccnnccagga	300
aacccanatt	canaaaggat	atctgtctag	agaaaaatct	cattcagtga	atttaatact	360
tacatacaac	tatgacttgt	aagtccagaa	gttttagggt	aagaaaacat	gtnnccattg	420
tncccaatgg	agaatttaaa	gctcaatgtn	ttttggtggc	tccaagatca	agccaccatg	480
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<210> 9080

<211> 347

<212> DNA

<213> Homo sapiens

<400> 9080

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aattaata	aa	gttacagtca	gccacattgc	ttgagtcttg	ccaaaatctt	tagagaaaca	180
acacaaac	tc	agacatctaa	gtcagatcaa	attanagccc	aatatttttg	atacttttat	240
tgtatatg	ac	tagttttcta	naaaactatt	ccanaanata	cagtcttcct	tccanaaaat	300
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<210> 9081

<211> 520

<212> DNA

<213> Homo sapiens

<400> 9081

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ttaatctgat cctgtcatta tgatgctagt tggttatttt gcctgttagt tgatgcagtt 240
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aaaatcgctc agcatttgct tgtctctcag gattttattt ctnctttgct aatgaaagct 420
taattttggc tggaatatga aaattctggg ctgaaaatcc tttccttaan aaagttnaat 480
attgggcccc ccctcnaatc ctggntttgt tagggttcca 520

<210> 9082

<211> 454

<212> DNA

<213> Homo sapiens

<400> 9082

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<210> 9083

<211≥ 527

<212> DNA

<213> Homo sapiens

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ctggaaagaa	agattcagtt	tccaacataa	ttaagcatgt	taacatagaa	aatggcaaat	180
aagtaaatct	gcctcgtttt	tgtgttaaag	tcgcttccca	aattttccta	gaaagaatta	240
tactgagata	gactgctcta	ccaatacttt	gctgcagtca	atccaaagat	ctaaccaaca	300
ttagattact	cctcggaaat	tagtggcttc	taaactacat	gatggcatcc	tttaagaagc	360
catgccttca	ggatcttgca	gaattngaca	tacaatctca	tgcatctgat	ttctcaaccc	420
agagttgctt	tttttttat	aagttactcc	agtttgtgga	caagccangc	tttaactccc	480
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<210> 9084

<211> 331

<212> DNA

<213≻ Homo sapiens

<400> 9084

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tcgggaagtg	cacacaaacc	gttgtctttc	ctttttggtt	aaagaaaaaa	aactttgtna	180
tcaatatccc	gctcataant	aaaagtggaa	aanaagaaac	ttgactgctt	tcatctggcg	240
ttttggcatc	tcctctccca	tttcatatgc	acagtttatt	tgggtnatgc	taccgtcacc	300
agcanaacac	ctgtnagtna	aaacnaatgt	c		-	331

<210> 9085

<211> 456

<212> DNA

<213≯ Homo sapiens

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ngcacgtgcc	actatgccca	gctaactttt	gtgttttgag	taaagacagg	gtttcaccat	180
gttggccagg	atggtctcga	tctcctgacc	ttgtgatgta	actagtattt	cttatgccct	240
tattttgtgc	taggcacagg	gcctcaccca	ttattggcac	tcggtaagga	ttcntgggat	300
taatganaag	ttaacctaaa	tcttcaccaa	aggcccctga	ncttccctc	gattcacata	360
caanggactg	gggctctgaa	aagtgggctg	tgatgcgccc	ctggaaaacc	cacnaatggg	420
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<210> 9086

<211> 304

<212> DNA

<213> Homo sapiens

<400> 9086

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ncagggaaca	gtgtctctga	agtggtgctg	gcttcacagc	tgattgcggt	tccgcttagg	180
gatgatcttc	cggtaggttc	tgcgctctga	aatgttgcgc	ttcaccttgg	ccgtggtggg	240
ancctcatcc	tggtgcangg	acgggctcga	ntgggacttc	ttcangctga	ncttgggctc	300
ccga						304

<210> 9087

<211> 440

<212> DNA

<213> Homo sapiens

<400> 9087

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<210> 9088

⟨211⟩ 452

<212> DNA

<213> Homo sapiens

<400> 9088

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<210> 9089

<211> 540

<212> DNA

<213> Homo sapiens

ctaatttaat tetttateat teaagtagag agacaggeat ttteeaaage aaaceeaace 60 ctcgtgatta tttctagcca gggtgaagct aaggaaagta gcagtaggtg gtaggatcag 120 caccttggtt ccaggcatca cgccagtcat tttatttcca tcatcatcct tgtgaaaaaa 180 tggaagtctg ganaggtgaa atgatgaagg caatctggcc acaaatcttc cttctggatc 240 ctgctcttca gggcatgcat ctcccatgct gaaggttaaa atgggggtca tttgccaaca 300 aattigggan teegetiete eetgaagetg ceatgeeete taneeggiee egggitggaa 360 tattctgggc atancacatc ccttcaatgg ccatcccana tgcaatgtcc acctccgttc 420 ctcggttaat gggctacttt gcccaaccgc acngcaattg ggggctgggg caagatctcc 480 tgggccaatg ctentneece etnggtagge ggggteecee eccettetng ggeccaaegt 540

<210> 9090

⟨211⟩ 588

<212> DNA

<213> Homo sapiens

<400> 9090

caaaagtgga agcttgttta atatcgctct accatcatcc tgaaaggcat aataatttga 60 gttacacatc tgaactgatt ggagttacag aatcatatct cctttttgca tttaacaata 120 tatacaatat aaaataaata catttacaca aatggacatt tgctggagca cacagtatgg 180 tacacatcac aaaaatatac aattgattgc tttacagatg tgaagcccat ctacagctat 240 agacatggtt ttattattat tattattatt tttactactg gctataatgc aactcctgga 300 ttattataag cagtttaaat tttttgtcct tttacgatct ttgcacataa gactgccata 360 aaatgttttc ctaggcaggt aaacaganac gcttaaataa ttaaaataca atcaccaaca 420 cccattttct cttctataan aaaaatanca gttttaaatt ttttatatct tttatgttan 480 catttaaatg caaaatatgg gaataaatac aacaatctgg tttgattgaa acccattntt 540 tctncaggaa tcccccatcc tttggcttta attaaaacaa acccaaaa 588

<210> 9091

<211> 469

<212> DNA

<213≻ Homo sapiens

<400> 9091

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aagcaaaaga	ctccttcctt	tcagacccag	tgtccactga	gcttggaggg	ggtgganccg	120
ggaccacccc	ctaggaaaag	gtgtangaat	agaagcaatg	gcattggcgc	tatantccat	180
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cctcagcttc	atcagggtga	aactgganaa	aaanttctga	gcctggatct	ctctgccctg	300
ggtcagcacc	aaaagaaaac	cttccttcag	cagctcccag	ctcttccaca	cagaacccac	360
gcacaggatg	gggagtccaa	tcttgccctg	gaacaagacc	gggtcaatct	cgggcaacac	420
tgctacnatg	tntctgccca	ncatctcccc	ancctcctga	aaatatanc		469

<210> 9092

<211> 555

<212> DNA

<213≯ Homo sapiens

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agcaattaaa	ttcttaaagt	agggacagaa	caccaacagg	ctctagactc	cggaanagct	180
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tattacttag	aatattagca	tctgaactat	ataatgacta	ttttatcatt	ttacttgaat	300
taaaaccaga	atttctggaa	cttccaaata	gtctttaaag	tttttcaata	taaacataaa	360
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cntaattatn	taccgaaaat	atttaaaatt	attggtaaaa	ttaattcnta	agaattanaa	540
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<210> 9093 <211> 610 <212> DNA <213> Homo sapiens

<400> 9093

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<210> 9094

<211> 437

<212> DNA

<213> Homo sapiens

<400> 9094

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gtttctttct	ctcaaaattt	ggtcgggaag	ggggtctnct	tntctctggg	gcacttttct	420
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<210> 9095

<211> 320

<212> DNA

<213> Homo sapiens

<400> 9095

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atctcaca	aac	aggcattttt	actgaaatac	taggaatttt	ttcaatacaa	tcagttagaa	180
atacacac	caa	attacttgaa	aaaaaaaaa	gaggaggcca	gataggagct	caccencttg	240
tccaanaa	aca	nctgggtccc	cccngcaggc	tccaccgctg	agggtcctga	cattatctgt	300
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<210> 9096

<211> 526

<212> DNA

<213> Homo sapiens

<400> 9096

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gtgatttgcc agatttactt aatcnaggaa tatattttng anggaacctt ccanaaaatt 480
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<210> 9097

<211> 611

<212> DNA

<213> Homo sapiens

<400> 9097

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<210> 9098

<211> 606

<212> DNA

<213> Homo sapiens

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<210> 9099

<211> 597

<212> DNA

<213> Homo sapiens

<400> 9099

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<210> 9100 <211> 399 <212> DNA <213> Homo sapiens

<400> 9100

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<210> 9101

(211) 477

<212> DNA

<213> Homo sapiens

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gttctgcgct	aggaacatac	aaaggaaaat	gacccgttgt	gcttctttaa	aatcgaatga	240
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gggcccactc	caggcaccag	ctcccccaa	cttggcttct	ctggtttgtc	gaaagcatca	360
tccantccac	actatgttta	acagtcctan	tcaccacggg	gantaaattt	ttctgaaggt	420
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<210> 9102						
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<213> Homo	sapiens				•	
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gcttcn	•				,	366
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<213> Homo	sapiens					
•		•				
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<211> 530

<212> DNA

<213> Homo sapiens

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•		. •	•			
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<212> DNA

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<210> 9111

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<212> DNA

<213> Homo sapiens

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⟨210⟩ 9112

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<213> Homo sapiens

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392

<212> DNA

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<210> 9117

<211> 546

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<212> DNA

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cagtcttgta	cttcctgaat	aaaaaaaaa	aaaccccccg	gtttccaaaa	aattcccgnc	480
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<213≻ Homo sapiens

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<210> 9124

<211> 544

<212> DNA

<213> Homo sapiens

<400> 9124

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<211> 449

<212> DNA

<213> Homo sapiens

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<210> 9126

<211> 449

<212> DNA

<213> Homo sapiens

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<212> DNA

<213> Homo sapiens

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ctaagtttgg	agctgatttc	ctctcttgaa	ttgtaaaatt	tcagtaatac	acagtcacta	420
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<210> 9128

<211> 460

<212> DNA

<213> Homo sapiens

<400> 9128

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<210> 9129

⟨211⟩ 479

<212> DNA

<213> Homo sapiens

<400> 9129

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<210> 9130

<211> 601

<212> DNA

<213> Homo sapiens

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cactgtatga	ttccacttat	atgagatact	gagaatagtc	caaaccagag	agacagaaag	360
canaatggtg	gctgcggggg	ctgggaagaa	tgggaattac	tgtttaatgg	gtacagtttc	420
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tgttttaaca	ttaactttct	gaactgtccc	ttaaaattgt	gaaaacatat	tttttnnat	540
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<210> 9131

<211> 512

<212> DNA

<213> Homo sapiens

<400> 9131

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aaaaattcag	cccatgtgca	gcacaaaaat	atgcaaaact	actttacatt	atacacactt	180
tttatcaaag	gaaatacaaa	attctggctt	gttgttttaa	acaaatacaa	naagcttcaa	240
actaaacaca	aagggttaac	attaattctc	aaatataagt	ctgcactttt	gtgttgtagt	300
tctctgaaat	gtgaatacca	aattcctaag	ggattttaat	gttttccttt	gaaaaggaaa	360
actaaaaaaaa	ttcccgtaaa	caantccctc	cccatcagct	tggtctttcc	caaccctact	420
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<210> 9132

<211> 454 <212> DNA <213> Homo sapiens

<400> 9132

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<210> 9133

⟨211⟩ 502

<212> DNA

<213> Homo sapiens

<400> 9133

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<210> 9134 <211> 508 <212> DNA <213> Homo sapiens

<400> 9134

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<210> 9135 <211> 498

<212> DNA

<213> Homo sapiens

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aaaancnacc	cancetgatg	gaacagtgga	acaaattggc	ccattctcct	ganctgggtt	480
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<210> 9136

⟨211⟩ 467

<212> DNA

<213> Homo sapiens

<400> 9136

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<210> 9137

<211> 503

<212> DNA

<213> Homo sapiens

<400> 9137

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catgaatgcc	cttaggaaaa	ggtccacagt	aaaatcagaa	agctgaacct	ctcctgctgt	300
ttataggata	tgtttatgct	gaattaattg	ccagggtttc	ttaaactttt	agggaattat	360
actttggtgg	ctcnatagta	aattctacaa	attattttta	aattgatttc	ctttccttan	420
anctgcanga	aaatatctgg	caaggtgcat	ttaatatttg	gaaaaaaaan	atgaacngtt	480
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<210> 9138

<211> 468

<212> DNA

<213> Homo sapiens

<400> 9138

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cggncaggan	caagaattcn	agttaaacga	attgaaccag	tccaaccaca	anacnataaa	180
gggaaacagg	gcgtggggat	ttccagtttt	tccttttaca	ttacaaagtt	tccaacacaa	240
gaagccaaca	ataccccagt	gctgcaccaa	gttacttccc	actgtttccc	naggnacagt	300
caattaataa	tcagtagtcc	aagttctaan	aacatttcct	ggaaaacaag	gacgcacctc	360
ccgtggctct	atgcatggcc	tgccactgat	gaatcaaatt	cttaagaacc	tacgaacgtc	420
tgataccttg	aaganaacnc	cccctaaaa	tctccnncat	ccnggccc		468

<210> 9139

<211> 435

<212> DNA

<213> Homo sapiens

<400> 9139

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tagtactatt	ttgaaacagc	caatatagta	tctgaaaata	ttccatttta	tccataatca	180
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tgcctttatt	gaaaactttt	tttacctaat	ggctttaaaa	accacgtgtt	ttcctttgga	360
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<212> DNA

<213> Homo sapiens

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gctcaggcaa	tcttcccacg	gctcactgaa	acctctacct	cttgggctca	ggcaatcttc	180
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aagcagctgg	gactacaggc	gtgcaccacc	acacctggct	agtttttata	tttttggtaa	300
aaataaagtt	tcgccacatt	acccaggctg	atctcaaact	cccaagctca	aaggatccac	360
ccncctgaaa	tctcccaaaa	tgctgggaat	aacaggtttt	aacccactnt	tcctggccaa	420
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<210> 9141

<211> 399

<212> DNA

<213> Homo sapiens

<400> 9141

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<210> 9142 ⋅

<211> 490

<212> DNA

<213> Homo sapiens

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<210> 9143

<211> 542

<212> DNA

<213> Homo sapiens

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caaaccctgt	gttttattat	acaaagcaat	ctacattagt	angtaaaaag	aaattctcaa	180
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catactggaa	ttagaattct	gtaataaatt	ttttctaatg	ttttctgtac	atattaaata	300
acccaaaagg	ttcctcttgt	agtgcatgtg	ccatttagca	agtctattca	gtattttcc	360
agtaccattc	tcattacagt	gatttgcctg	taaatgttag	ttaatatcta	aaagtgcaca	420
cagttaactt	tcccaaataa	cggactattt	ctgggaggaa	acctaatatt	cacagaaaaa	480
gattaccant	aacaatgaat	tanaaaatnt	ngggttgaaa	gttctcctga	aaaacatcca	540
cn	•					542

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<211> 297

<212> DNA

<213> Homo sapiens

<400> 9144

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aganctgtgc	cacttcacac	tgacaggcag	tgtttaanaa	aaacatctca	acctgccagc	180
caacgaaaat	gggtgacaag	tcanaatgtg	gggcagggat	gtnttaaagt	gaacagaant	240
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<210> 9145

<211> 284

<212> DNA

<213> Homo sapiens

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acattcaacg	aattgaagat	actcaagaaa	acctgcagaa	aataatatga	aaattaaggg	180
gaaacctgan	tgtgtttaaa	ggcanaatta	aataaagctt	atgttttatg	gttgananag	240
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		,				•
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acggttctga ccagtcctcc aggtcgcacg tggatgccac aggggtgggg aaggaagaag

tcacctttaa aaaccccatg gctatgggcg cctgcancgg gcgggggtcc atttgcttgt

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<210> 9147

<211> 221

<212> DNA

<213> Homo sapiens

<400> 9147

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-300

352

特平11-248036.

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			•	aaaaatgggc		
•				catgtgaaag		180
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tatgatcagt	ataattttaa	aaaacagaaa	aataaaagca	ttggtgagaa	tatggataaa	300
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	-					
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	•		•			
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ccccctcca	tctgggactg	catgtcctgc	ttancgattt	caagcaatga	tttcaccttt	360
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<210> 9153

<211> 550

<212> DNA

<213> Homo sapiens

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⟨211⟩ 468

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<211> 223

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⟨211⟩ 376

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<211> 452

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<210> 9176

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<213> Homo sapiens

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